

**Employment and Earnings of Participants Exiting
Selected Alaska Training Programs-FY 1998
With A Comparison of Performance with FY 1997**

A Report Prepared for the Alaska Human Resource Investment Council
Alaska Department of Labor, Research and Analysis Section

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Overview

AS 44.19.626 requires that the Alaska Department of Labor and Workforce Development evaluate certain employment related training programs to determine the employment status and earnings of program participants after completion of the program. The legislation requires the Department of Labor and Workforce Development to report on the employment and earnings of program participants in months 7 through 12 pre- and post training. To obtain this data, quarterly unemployment insurance wage records were examined for the third and fourth quarter following the quarter in which the training participant exited the program. Data for months 1 through 12 (the first through fourth quarters following exit from the program) were also examined in order to obtain a more complete picture of employment outcomes.

Performance data were calculated for participants exiting the following programs in FY 98:

- Alaska Technical Center in Kotzebue, an adult vocational school designed to meet the vocational and technical training needs of rural Alaskans.
- Alaska Vocational Technical Center in Seward, a program providing technical and related training to Alaska students.
- University of Alaska Vocational Education Programs throughout Alaska.
- All JTPA programs including:
 - ◆ JTPA Title II-B summer youth employment and training program designed to improve basic education skills, encourage school completion, provide exposure to work, and enhance citizenship skills. The targeted population is low-income youth age 14 to 21.
 - ◆ JTPA Title II-C year-round youth program provides training and employment programs for both in-school and out-of-school youth. Services may include adult services, limited internships in the private sector, school-to-work transition services and alternative high school services. The targeted population is low-income youth age 16 to 21.
 - ◆ JTPA Title II-A Adult Program supports training and services for low-income adults who face multiple barriers to employment. Program services include an assessment of needs and abilities and services such as classroom training, on-the-job training, job-search assistance, work experience, counseling, basic skills training and support services.
 - ◆ JTPA Title III provides employment and training assistance for dislocated workers. Services available include career counseling, testing, job placement, occupational training, relocation assistance and other services.
 - ◆ JTPA Title IIA-Older Worker Program provides outreach, recruitment, training and support for low-income workers over age 55 interested in employment. Senior Employment Counselors recruit eligible clients, provide assessment and counsel them on appropriate employment choices.
JTPA Title II 8% Vocational Education Program supports low-income youth and adults through school-to-work transition services, literacy and lifelong learning opportunities, and provides funding to train, place, and retain women in nontraditional employment.
 - ◆ JTPA – Secretary’s National Reserve grant provided supplemental funding awarded by the U. S. Department of Labor for services provided directly to individuals terminated by Ketchikan Pulp Company and affected by secondary layoffs in southern Southeast Alaska. In FY 98 this funding was applied exclusively in the Ketchikan Career Transition Center. Most individuals were enrolled in the Governor’s reserve account and TAA or NAFTA-TAA/TRA.

- ◆ JTPA Governor's Reserve is a set aside with a variety of purposes. The funding in FY 98 supplemented the Secretary's National Reserve Account and TAA and NAFTA/TAA for former Ketchikan Pulp mill workers. Participants in Governor's Reserve received vocational counseling, assessment, case management, and peer support services.
- State Training and Employment Program (STEP), funded by a percentage of employee contributions to the Alaska unemployment insurance trust fund, provides training and/or reemployment assistance to unemployed or under-employed workers who have contributed to the fund. By reducing the length of time that workers are unemployed, the program is designed to reduce the amount of unemployment insurance benefits that are paid.
- NAFTA/TAA program Trade Adjustment Assistance (TAA) is a federal entitlement program which offers help to workers who lose their jobs or whose hours of work and wages are reduced as a result of increased imports from Canada or Mexico.
- Alaska Work Search Program Work is a four-week program intended to help Temporary Assistance (ATAP) clients in their efforts to obtain and keep a job. Work Search attempts to move clients into the workforce as quickly as possible. All Temporary Assistance clients who are not exempt from participating in work activities are required to attend Work Search.

Methodology

Agencies provided program participant social security numbers, training start date, training completion or exit date, and other participant demographic information including the type of training provided when available. No training data for JTPA or STEP program participants is available for FY98, but should be available for FY 2000 participants using the new management information system currently being implemented.

Participant records were matched with historical unemployment insurance wage records, FY 97 program participant data, Alaska Permanent Fund Dividend files, Alaska Business License files, Washington state wage records, and Alaska unemployment insurance claimant records. Alaska UI wage records include information on wage and salary workers in the private sector, state and local government. Federal government worker wage records were not available for this report.

Work history, quarters worked, earnings (total, average and median) before and after completion of training were calculated for each program participant with a social security number relative to the actual start or termination date for each participant. Only records for participants exiting each program during FY 98 are included in this report.

Based upon recommendations approved by the AHRIC last year:

- Training start date was obtained in order to measure pre-training earnings
- Detailed training provider by program participant is currently being maintained for all JTPA and STEP clients and will be available in the report on FY 2000 participants.

FY 98 Data Summary

Tables 1-A and 1-B display FY 98 total participants completing or exiting the program, employment and earnings for selected Alaska training providers and programs in FY 98. Because each program is unique and serves a different clientele with different needs and work history, a comparison of the earnings and employment measures across programs is not appropriate. Each program will establish its own performance measures based upon historical outcome statistics and expectations given the clients that are served. Some programs provide services to younger workers, older workers, those with no skills or those recently laid off from skilled jobs or relatively highly paid positions.

Table 1-A
FY 98 Program Performance Measures
Employment and Earnings Months 7 to 12 Before and After Training

| FY 98 Programs | Number Exiting | Number Employed | | | Total Earnings | | Quarters Worked | | Avg. Earnings Per Quarter | |
|------------------------------|----------------|-----------------|-------|-----------------|----------------|-------------|-----------------|-------|---------------------------|---------|
| | | Before | After | Pct. Emp. After | Before | After | Before | After | Before | After |
| Training Providers | | | | | | | | | | |
| AK Technical Center | 226 | 160 | 171 | 75.7 | \$1,452,869 | \$1,783,807 | 267 | 289 | \$5,441 | \$6,172 |
| AVTEC-Seward | 1,204 | 847 | 890 | 73.9 | 12,520,498 | 14,819,873 | 1,521 | 1,634 | 8,232 | 9,070 |
| UA Voc. Ed. | 6,779 | 4,196 | 4,157 | 61.3 | 39,661,421 | 46,343,072 | 7,302 | 7,422 | 5,432 | 6,244 |
| Youth Programs | | | | | | | | | | |
| JTPA Title II-B | 838 | 231 | 436 | 52.0 | 245,048 | 788,064 | 313 | 666 | 783 | 1,183 |
| JTPA Title II-C | 195 | 78 | 112 | 57.4 | 146,392 | 457,259 | 121 | 181 | 1,210 | 2,526 |
| Adult Programs | | | | | | | | | | |
| JTPA Title II-A | 709 | 316 | 449 | 63.3 | 1,227,160 | 2,875,609 | 504 | 781 | 2,435 | 3,682 |
| JTPA Title III | 440 | 288 | 272 | 61.8 | 3,515,125 | 2,969,463 | 516 | 491 | 6,812 | 6,048 |
| JTPA 5% Older Worker | 40 | 19 | 16 | 40.0 | 62,444 | 126,270 | 28 | 30 | 2,230 | 4,209 |
| JTPA 8% Voc Ed ^{1/} | 63 | 27 | 24 | 38.1 | 111,829 | 86,781 | 38 | 40 | 2,943 | 2,170 |
| JTPA Sec. Natnl Reserve | 79 | 77 | 40 | 50.6 | 1,916,730 | 704,314 | 152 | 76 | 12,610 | 9,267 |
| JTPA Governor's Res. | 87 | 86 | 46 | 52.9 | 2,053,377 | 770,055 | 171 | 85 | 12,008 | 9,059 |
| Other Programs | | | | | | | | | | |
| STEP ^{2/} | 1,335 | 999 | 958 | 71.8 | 9,244,622 | 9,348,210 | 1,707 | 1,687 | 5,416 | 5,541 |
| NAFTA/TRA | 54 | 52 | 22 | 40.7 | 1,290,151 | 316,971 | 104 | 40 | 12,405 | 7,924 |
| Work Search | 1,166 | 341 | 698 | 59.9 | 980,843 | 3,410,908 | 511 | 1,180 | 1,919 | 2,891 |

Notes: Includes an unduplicated count of individuals within a program. One individual may participate in more than one program.
^{1/} May include youth and adult participants.
^{2/} In FY 98, the STEP program served at least 89 individuals laid off from the Ketchikan Pulp Mill. The former pulp mill workers earned \$2.11 million in the 6 months prior to STEP participation and \$0.75 million in the 6 months after STEP participation.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section

Table 1-B
FY 98 Program Performance Measures
Employment and Earnings Months 1 to 12 Before and After Training

| FY 98 Programs | Number Exiting | Number Employed | | | Total Earnings | | Quarters Worked | | Avg. Earnings Per Quarter | |
|------------------------------|----------------|-----------------|-------|-----------------|----------------|-------------|-----------------|--------|---------------------------|---------|
| | | Before | After | Pct. Emp. After | Before | After | Before | After | Before | After |
| Training Providers | | | | | | | | | | |
| AK Technical Center | 226 | 181 | 193 | 85.4 | \$3,281,532 | \$4,214,816 | 548 | 623 | \$5,988 | \$6,765 |
| AVTEC-Seward | 1,204 | 949 | 981 | 81.5 | 26,451,284 | 31,632,488 | 3,091 | 3,377 | 8,558 | 9,367 |
| UA Voc. Ed. | 6,779 | 4,718 | 4,873 | 71.9 | 80,086,797 | 97,173,412 | 14,644 | 15,605 | 5,469 | 6,227 |
| Youth Programs | | | | | | | | | | |
| JTPA Title II-B | 838 | 271 | 501 | 59.8 | 364,544 | 1,116,583 | 526 | 1,087 | 693 | 1,027 |
| JTPA Title II-C | 195 | 105 | 145 | 74.4 | 302,907 | 942,642 | 249 | 383 | 1,216 | 2,461 |
| Adult Programs | | | | | | | | | | |
| JTPA Title II-A | 709 | 427 | 532 | 75.0 | 2,362,933 | 6,066,112 | 1,056 | 1,646 | 2,238 | 3,685 |
| JTPA Title III | 440 | 326 | 312 | 70.9 | 6,774,722 | 6,154,406 | 1,021 | 1,011 | 6,635 | 6,087 |
| JTPA 5% Older Worker | 40 | 23 | 22 | 55.0 | 114,893 | 258,205 | 58 | 65 | 1,981 | 3,972 |
| JTPA 8% Voc Ed ^{1/} | 63 | 35 | 38 | 60.3 | 190,844 | 226,442 | 80 | 95 | 2,386 | 2,384 |
| JTPA Sec. Natnl Reserve | 79 | 78 | 49 | 62.0 | 4,198,283 | 1,472,660 | 292 | 165 | 14,378 | 8,925 |
| JTPA Governor's Res. | 87 | 86 | 55 | 63.2 | 4,208,779 | 1,641,317 | 326 | 185 | 12,910 | 8,872 |
| Other Programs | | | | | | | | | | |
| STEP ^{2/} | 1,335 | 1,112 | 1,099 | 82.3 | 18,923,321 | 20,130,775 | 3,401 | 3,566 | 5,564 | 5,645 |
| NAFTA/TRA | 54 | 53 | 26 | 48.1 | 2,812,347 | 689,754 | 199 | 85 | 14,132 | 8,115 |
| Work Search | 1,166 | 491 | 894 | 76.7 | 2,100,789 | 6,983,902 | 1,099 | 2,481 | 1,912 | 2,815 |

Notes: Includes an unduplicated count of individuals within a program. One individual may participate in more than one program.

^{1/} May include youth and adult participants.

^{2/} In FY 98, the STEP program served at least 89 individuals laid off from the Ketchikan Pulp Mill. The former pulp mill workers earned \$4.3 million in the 12 months prior to STEP participation and \$1.6 million in the 12 months after STEP participation.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Each program's participants were matched with every other program to determine the number of individuals that participated in more than one program during FY 98 or FY 97. The same individual may appear in several programs. For example, based upon the following table, there were 1,204 AVTEC participants exiting the program in FY 1998. Fifteen of those individuals also participated in the JTPA Title II-A program and twelve last took a University of Alaska vocational education course in FY 98.

2-A
Cross Program Matrix of Training Program Participants Exiting Training Programs in FY 1998
All Programs in Which They Participated in FY 98

| | | Training Providers | | | Youth Programs | | Adult Programs | | | | | | Other | | |
|----------|-------------------------|---------------------|--------------|-------------|-----------------|-----------------|-----------------|----------------|----------------------|----------------|-------------------------|----------------------|-------|-----------|-------------|
| | | AK Technical Center | AVTEC-Seward | UA Voc. Ed. | JTPA Title II-B | JTPA Title II-C | JTPA Title II-A | JTPA Title III | JTPA 5% Older Worker | JTPA 8% Voc Ed | JTPA Sec. Natnl Reserve | JTPA Governor's Res. | STEP | NAFTA/TRA | Work Search |
| Training | AK Technical Center | 226 | 1 | 4 | 0 | 3 | 8 | 2 | 1 | 0 | 0 | 0 | 5 | 0 | 0 |
| | AVTEC-Seward | 1 | 1,204 | 12 | 4 | 5 | 15 | 11 | 1 | 0 | 0 | 0 | 29 | 0 | 0 |
| | UA Voc. Ed. | 4 | 12 | 6,779 | 16 | 14 | 67 | 44 | 1 | 1 | 5 | 5 | 88 | 9 | 37 |
| Youth | JTPA Title II-B | 0 | 4 | 16 | 838 | 25 | 0 | 0 | 0 | 6 | 0 | 0 | 3 | 0 | 4 |
| | JTPA Title II-C | 3 | 5 | 14 | 25 | 195 | 1 | 0 | 0 | 15 | 0 | 0 | 4 | 0 | 4 |
| Adult | JTPA Title II-A | 8 | 15 | 67 | 0 | 1 | 709 | 30 | 6 | 0 | 0 | 0 | 65 | 0 | 20 |
| | JTPA Title III | 2 | 11 | 44 | 0 | 0 | 30 | 440 | 3 | 0 | 46 | 54 | 142 | 25 | 3 |
| | JTPA 5% Older Worker | 1 | 1 | 1 | 0 | 0 | 6 | 3 | 40 | 0 | 0 | 0 | 2 | 0 | 1 |
| | JTPA 8% Voc Ed | 0 | 0 | 1 | 6 | 15 | 0 | 0 | 0 | 63 | 0 | 0 | 0 | 0 | 1 |
| | JTPA Sec. Natnl Reserve | 0 | 0 | 5 | 0 | 0 | 0 | 46 | 0 | 0 | 79 | 79 | 79 | 39 | 0 |
| | JTPA Governor's Res. | 0 | 0 | 5 | 0 | 0 | 0 | 54 | 0 | 0 | 79 | 87 | 86 | 41 | 0 |
| Other | STEP | 5 | 29 | 88 | 3 | 4 | 65 | 142 | 2 | 0 | 79 | 86 | 1,335 | 43 | 61 |
| | NAFTA/TRA | 0 | 0 | 9 | 0 | 0 | 0 | 25 | 0 | 0 | 39 | 41 | 43 | 54 | 0 |
| | Work Search | 0 | 0 | 37 | 4 | 4 | 20 | 3 | 1 | 1 | 0 | 0 | 61 | 0 | 1,166 |

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section

Alaska Training Providers

Alaska Technical Center-Kotzebue

The Alaska Technical Center is an adult vocational school designed to meet the vocational and technical training needs of rural Alaskans. The Alaska Technical Center currently has four core program areas: office occupations, building industrial technology, industrial mine maintenance, and health occupations. In addition, the Alaska Technical Center provides Adult Basic Education, GED programs and a wide variety of short-term training during the year.

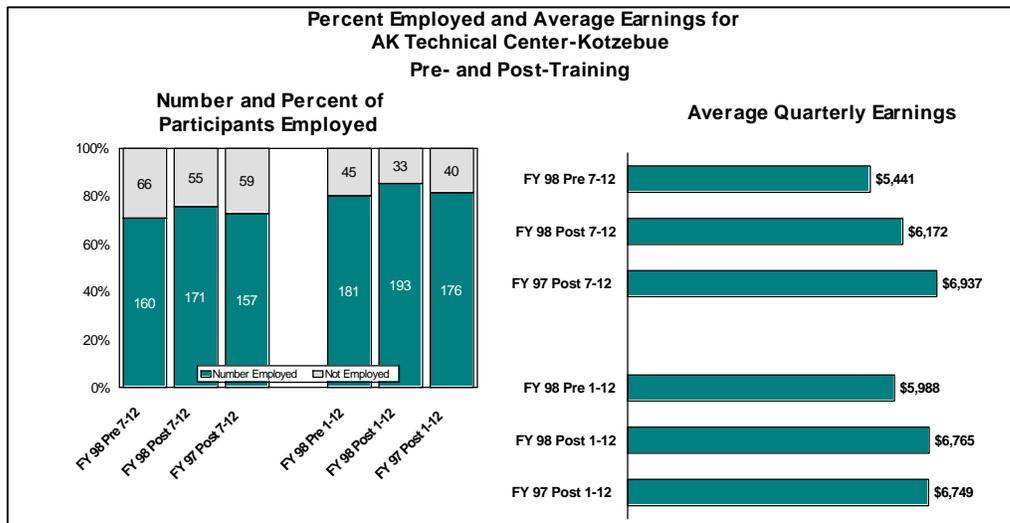
Based upon data provided by the Center, in FY 1998, a total of 226 individuals completed 291 separate classes in 23 program areas. The program areas included training in dealing with hazardous waste materials, accounting, oil fired burner maintenance and office skills.

Performance and Participant Data

- During the third and/or fourth quarter following their exit from a Alaska Technical Center training program, nearly 76 percent of the program participants were reported as working in wage and salary employment¹, a significant increase over the 70.8% employed in the third and fourth quarter prior to training.
- For those program participants that were employed, the program participants earned an average of \$6,172 per quarter during the third and fourth quarter following training while total post-training earnings increased by nearly 23% over pre-training earnings for that two quarter period.
- During the twelve months following exit from a training program, 85.4% of the participants worked one or more quarters of the year and earned an average of \$6,765 per quarter worked. Median total earnings of the participants reached \$16,424, an increase of more than 37% over median pre-training earnings in the year prior to training.
- Total Alaska wage and salary earnings for participants in the twelve months following exit from the training program were more than \$4.21 million.
- 67.3% of those employed during the third and fourth quarter following training were employed in the Alaska private sector. Two of the program participants worked in Washington State in the year following training.
- 82.7% of those employed in the year following training were employed in the Northwest Arctic Borough, similar to the percentage (83.3%) working locally following training in FY 97.
- Top reported post-training occupations include construction workers, maintenance repairers, teachers and teacher's aides.

¹ Program participant data were matched with Department of Labor and Workforce Development wage file records in order to determine the employment and earnings history of the participant. Not all individuals that are working can be identified from wage file records. Federal government workers, self-employed workers and those that have left Alaska may be working but are not captured in this record matching process.

| Kotzebue Technical Center-Participants-FY 1998 Pre- and Post Training Employment and Earnings | | | | | | | |
|--|-------------------|--------------------|---------------------|-------------------|--------------------------|-------------------------|--------------------------|
| | Number Exiting | Number Employed | Percent Employed | Total Earnings | Total Quarters Worked | Average Earnings/Qtr | Median Total Earnings |
| Months 7 to 12 | | | | | | | |
| Before Training | 226 | 160 | 70.8 | \$1,452,869 | 267 | \$5,441 | \$5,789 |
| After Training | 226 | 171 | 75.7 | 1,783,807 | 289 | 6,172 | 9,039 |
| Months 1 to 12 | | | | | | | |
| Before Training | 226 | 181 | 80.1 | 3,281,532 | 548 | 5,988 | 11,952 |
| After Training | 226 | 193 | 85.4 | 4,214,816 | 623 | 6,765 | 16,424 |
| Note: Includes an unduplicated count of those program participants with a valid social security number. | | | | | | | |
| Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section. | | | | | | | |



Kotzebue Technical Center Participants-FY 1998
Employment and Earnings Before and After Training Program
Months 7 to 12
(participants may be in more than one program)

| Training Program | Number Exiting | Number Employed | | Percent Employed | | Total Wages | | Total Quarters Worked | | Avg Earnings/Qtr | |
|-----------------------------|----------------|-----------------|-------|------------------|-------|-------------|----------|-----------------------|-------|------------------|---------|
| | | Before | After | Before | After | Before | After | Before | After | Before | After |
| Accounting Clerk | 10 | 6 | 8 | 60.0 | 80.0 | \$22,287 | \$58,660 | 9 | 14 | \$2,476 | \$4,190 |
| Asbestos Abatement | 28 | 21 | 22 | 75.0 | 78.6 | 181,387 | 212,568 | 34 | 36 | 5,335 | 5,905 |
| Building Maintenance | 8 | 3 | 6 | 37.5 | 75.0 | 10,740 | 41,089 | 5 | 8 | 2,148 | 5,136 |
| Carpentry | 6 | 3 | 4 | 50.0 | 66.7 | 12,561 | 28,950 | 5 | 5 | 2,512 | 5,790 |
| CDL Preparation | 7 | 5 | 7 | 71.4 | 100.0 | 90,259 | 55,261 | 10 | 11 | 9,026 | 5,024 |
| Certified Nursing Aide | 12 | 7 | 9 | 58.3 | 75.0 | 49,740 | 70,956 | 13 | 16 | 3,826 | 4,435 |
| Clerk/Receptionist | 10 | 5 | 7 | 50.0 | 70.0 | 2,767 | 56,914 | 7 | 12 | 395 | 4,743 |
| Community 1st Aide | 8 | 5 | 3 | 62.5 | 37.5 | 24,274 | 16,737 | 8 | 6 | 3,034 | 2,789 |
| CPR/Standard 1st Aide | 9 | 7 | 9 | 77.8 | 100.0 | 78,929 | 126,489 | 14 | 18 | 5,638 | 7,027 |
| Electrical Systems | 6 | 2 | 5 | 33.3 | 83.3 | 4,715 | 32,227 | 3 | 7 | 1,572 | 4,604 |
| GED Graduates | 27 | 13 | 17 | 48.1 | 63.0 | 48,786 | 100,947 | 19 | 25 | 2,568 | 4,038 |
| Hazwoper | 81 | 69 | 64 | 85.2 | 79.0 | 745,389 | 688,703 | 113 | 103 | 6,596 | 6,686 |
| Hazwoper Refresher | 7 | 6 | 6 | 85.7 | 85.7 | 106,608 | 81,219 | 11 | 11 | 9,692 | 7,384 |
| Heating Systems | 8 | 4 | 6 | 50.0 | 75.0 | 6,256 | 31,001 | 4 | 8 | 1,564 | 3,875 |
| Introduction to Compute | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| Keyboarding | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| Medical Terminology | 3 | 1 | 2 | 33.3 | 66.7 | ND | ND | ND | ND | ND | ND |
| Millwright/Mine Maintenance | 15 | 12 | 14 | 80.0 | 93.3 | 53,944 | 215,449 | 17 | 26 | 3,173 | 8,287 |
| Oil Fired Burners | 19 | 12 | 15 | 63.2 | 78.9 | 132,560 | 169,491 | 21 | 26 | 6,312 | 6,519 |
| Plumbing Systems | 8 | 5 | 4 | 62.5 | 50.0 | 18,916 | 29,389 | 8 | 5 | 2,364 | 5,878 |
| Secretarial | 4 | 1 | 3 | 25.0 | 75.0 | ND | ND | ND | ND | ND | ND |
| SFA/CPR | 8 | 4 | 6 | 50.0 | 75.0 | 42,262 | 85,250 | 8 | 9 | 5,283 | 9,472 |
| VPSO Training | 5 | 5 | 4 | 100.0 | 80.0 | 49,715 | 59,440 | 10 | 8 | 4,971 | 7,430 |

ND=Non-Disclosable

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Kotzebue Technical Center Participants-FY 1998
Employment and Earnings Before and After Training Program
Months 1 to 12
(participants may be in more than one program)

| Training Program | Number Exiting | Number Employed | | Percent Employed | | Total Wages | | Total Quarters Worked | | Avg Earnings/Qtr | |
|-----------------------------|----------------|-----------------|-------|------------------|-------|-------------|-----------|-----------------------|-------|------------------|---------|
| | | Before | After | Before | After | Before | After | Before | After | Before | After |
| Accounting Clerk | 10 | 6 | 9 | 60.0 | 90.0 | \$33,820 | \$115,770 | 14 | 28 | \$2,416 | \$4,135 |
| Asbestos Abatement | 28 | 26 | 25 | 92.9 | 89.3 | 463,629 | 556,574 | 72 | 75 | 6,439 | 7,421 |
| Building Maintenance | 8 | 6 | 8 | 75.0 | 100.0 | 41,711 | 102,842 | 14 | 22 | 2,979 | 4,675 |
| Carpentry | 6 | 6 | 5 | 100.0 | 83.3 | 44,634 | 67,865 | 14 | 13 | 3,188 | 5,220 |
| CDL Preparation | 7 | 5 | 7 | 71.4 | 100.0 | 138,038 | 109,539 | 17 | 21 | 8,120 | 5,216 |
| Certified Nursing Aide | 12 | 8 | 9 | 66.7 | 75.0 | 101,959 | 150,094 | 27 | 31 | 3,776 | 4,842 |
| Clerk/Receptionist | 10 | 6 | 7 | 60.0 | 70.0 | 8,637 | 100,381 | 15 | 24 | 576 | 4,183 |
| Community 1st Aide | 8 | 5 | 3 | 62.5 | 37.5 | 52,583 | 21,125 | 15 | 10 | 3,506 | 2,113 |
| CPR/Standard 1st Aide | 9 | 8 | 9 | 88.9 | 100.0 | 219,628 | 299,560 | 30 | 36 | 7,321 | 8,321 |
| Electrical Systems | 6 | 5 | 5 | 83.3 | 83.3 | 30,788 | 77,512 | 10 | 15 | 3,079 | 5,167 |
| GED Graduates | 27 | 17 | 22 | 63.0 | 81.5 | 101,297 | 214,898 | 38 | 58 | 2,666 | 3,705 |
| Hazwoper | 81 | 74 | 77 | 91.4 | 95.1 | 1,733,638 | 1,930,109 | 225 | 239 | 7,705 | 8,076 |
| Hazwoper Refresher | 7 | 7 | 6 | 100.0 | 85.7 | 232,482 | 188,537 | 25 | 22 | 9,299 | 8,570 |
| Heating Systems | 8 | 7 | 6 | 87.5 | 75.0 | 36,929 | 73,277 | 16 | 18 | 2,308 | 4,071 |
| Introduction to Compute | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| Keyboarding | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| Medical Terminology | 3 | 2 | 2 | 66.7 | 66.7 | 11,491 | 38,872 | 6 | 7 | 1,915 | 5,553 |
| Millwright/Mine Maintenance | 15 | 14 | 15 | 93.3 | 100.0 | 122,928 | 429,330 | 41 | 54 | 2,998 | 7,951 |
| Oil Fired Burners | 19 | 15 | 15 | 78.9 | 78.9 | 293,622 | 352,726 | 50 | 54 | 5,872 | 6,532 |
| Plumbing Systems | 8 | 7 | 5 | 87.5 | 62.5 | 52,774 | 60,212 | 19 | 13 | 2,778 | 4,632 |
| Secretarial | 4 | 2 | 3 | 50.0 | 75.0 | ND | ND | ND | ND | ND | ND |
| SFA/CPR | 8 | 5 | 7 | 62.5 | 87.5 | 116,858 | 200,142 | 17 | 21 | 6,874 | 9,531 |
| VPSO Training | 5 | 5 | 4 | 100.0 | 80.0 | 125,490 | 121,476 | 20 | 16 | 6,274 | 7,592 |

ND=Nondisclosable

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.

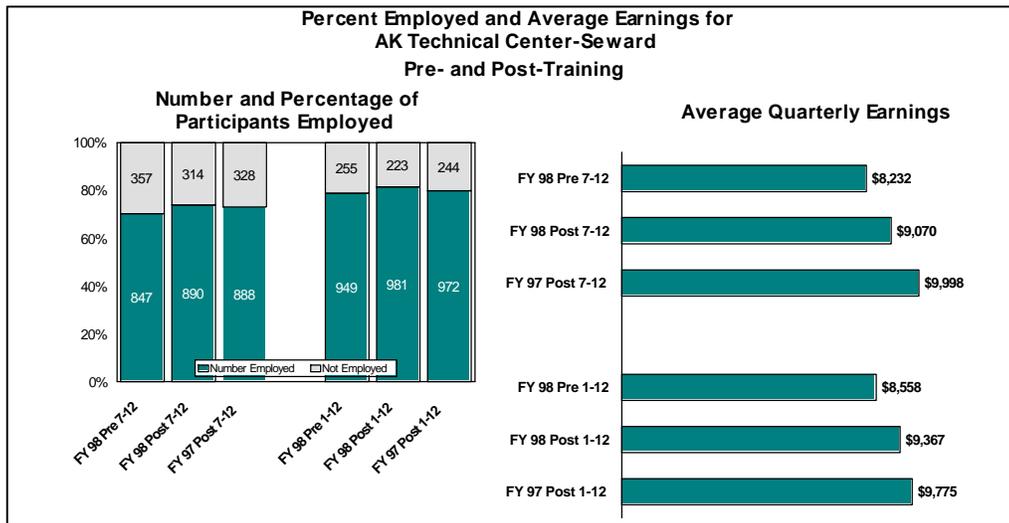
Alaska Vocational Technical Center-Seward

AVTEC provides technical and related training in Seward to students from throughout Alaska. In FY 1998, a total of 1,204 individuals with social security numbers were identified from 1,629 training program records. Some participants were in multiple training programs and 56 records had missing social security numbers.

Performance and Participant Data

- During the third and/or fourth quarter following their exit from an Alaska Vocational Technical Center training program, nearly 74 percent of the program participants were reported as working in wage and salary employment¹.
- For those that were employed, the program participants earned an average of \$9,070 per quarter during the third and fourth quarter following training and median earnings per worker of \$13,254 for the entire two quarter period. Average earnings increased by 10.2% compared with the pre-training two quarter period while median earnings increased by 16 percent.
- During the twelve months following exit from a training program, 81.5% of the participants worked one or more quarters of the year and earned an average of \$9,367 per quarter worked and had median earnings of \$26,239. An additional 3.4% of AVTEC participants had an Alaska business license or were working in Washington State.
- Total wage and salary earnings for participants in the year following exit from the program were approximately \$31.6 million, a 19.6% increase in total earnings compared with the year prior to training.
- 56.5% of all program participants worked in Alaska in all four quarters following completion of training and sixty-six of the AVTEC completers worked in Washington State in FY 99.
- 82.5% of those that worked at some time during the year were employed in Alaska's private sector.
- For those working in Alaska in the year following completion of training, 22.5% were employed in the North Slope Borough, 21.7% in Anchorage and 20 percent in Kenai.
- Approximately 16 percent of training participants in FY 98 were female and the median age of AVTEC participants was 35.

| Alaska Vocational Technical Center-Participants-FY 1998 Pre- and Post Training Employment and Earnings | | | | | | | |
|---|-------------------|--------------------|---------------------|-------------------|--------------------------|-------------------------|--------------------------|
| | Number Exiting | Number Employed | Percent Employed | Total Earnings | Total Quarters Worked | Average Earnings/Qtr | Median Total Earnings |
| Months 7 to 12 | | | | | | | |
| Before Training | 1,204 | 847 | 70.3 | \$12,520,498 | 1,521 | \$8,232 | \$11,430 |
| After Training | 1,204 | 890 | 73.9 | 14,819,873 | 1,634 | 9,070 | 13,254 |
| Months 1 to 12 | | | | | | | |
| Before Training | 1,204 | 949 | 78.8 | 26,451,284 | 3,091 | 8,558 | 19,383 |
| After Training | 1,204 | 981 | 81.5 | 31,632,488 | 3,377 | 9,367 | 26,239 |
| Note: Includes an unduplicated count of those program participants with a valid social security number. | | | | | | | |
| Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section. | | | | | | | |



AVTEC Participants-FY 1998
Employment and Earnings Before and After Training Program
Months 7 to 12
(participants may be in more than one program)

| Training Program | Number Exiting | Number Employed | | Percent Employed | | Total Wages | | Total Quarters Worked | | Avg Earnings/Qtr | |
|--|----------------|-----------------|-------|------------------|-------|-------------|-----------|-----------------------|-------|------------------|---------|
| | | Before | After | Before | After | Before | After | Before | After | Before | After |
| ABLE SEAMAN | 7 | 5 | 5 | 71.4 | 71.4 | \$21,117 | \$37,360 | 7 | 9 | \$3,017 | \$4,151 |
| ADULT HEARTSAVER | 51 | 11 | 7 | 21.6 | 13.7 | 121,491 | 69,739 | 19 | 12 | 6,394 | 5,812 |
| ALUMINUM BOAT FABRICATION | 13 | 9 | 11 | 69.2 | 84.6 | 31,908 | 44,623 | 14 | 18 | 2,279 | 2,479 |
| AMSEA INSTRUCTOR TRAINING | 14 | 8 | 9 | 57.1 | 64.3 | 168,188 | 178,749 | 15 | 16 | 11,213 | 11,172 |
| AUTOMOTIVE SERVICE EXCELENCE TEST PREP. | 6 | 3 | 3 | 50.0 | 50.0 | 69,072 | 64,365 | 6 | 6 | 11,512 | 10,727 |
| AUTOMOTIVE TECHNOLOGY | 20 | 11 | 18 | 55.0 | 90.0 | 34,280 | 76,726 | 19 | 32 | 1,804 | 2,398 |
| BAKING, PROF UPGRADE 100. PER WK | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| BASIC LIFE SUPPORT | 22 | 14 | 16 | 63.6 | 72.7 | 139,338 | 181,926 | 23 | 30 | 6,058 | 6,064 |
| BASIC WELL CONTROL-SUBSEA STACK | 10 | 8 | 7 | 80.0 | 70.0 | 287,130 | 313,362 | 15 | 14 | 19,142 | 22,383 |
| BASIC WELL CONTROL-SURFACE STACK | 154 | 143 | 150 | 92.9 | 97.4 | 4,550,404 | 4,910,346 | 279 | 294 | 16,310 | 16,702 |
| BOAT MECHANICAL & ELECTRICAL MAINTENANCE | 1 | 0 | 0 | 0 | 0 | ND | ND | ND | ND | ND | ND |
| BOILER MAINTENANCE EXAM PREPARATION | 3 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| BUSINESS & OFFICE TECHNOLOGY | 47 | 33 | 34 | 70.2 | 72.3 | 107,545 | 182,023 | 52 | 59 | 2,068 | 3,085 |
| CARPENTRY I, CORRESPONDENCE | 3 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| CARPENTRY II, CORRESPONDENCE | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| CELESTIAL NAVIGATION | 3 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| CERTIFIED NURSE ASSISTANT | 2 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| COMMERCIAL BAKING TECHNOLOGY | 12 | 8 | 6 | 66.7 | 50.0 | 16,202 | 35,373 | 10 | 10 | 1,620 | 3,537 |
| COMMERCIAL TRUCK DRIVER | 10 | 8 | 7 | 80.0 | 70.0 | 63,168 | 79,412 | 14 | 13 | 4,512 | 6,109 |
| CPR INSTRUCTORS | 6 | 5 | 5 | 83.3 | 83.3 | 105,092 | 120,027 | 10 | 10 | 10,509 | 12,003 |
| DECKHAND TRAINING | 5 | 4 | 3 | 80.0 | 60.0 | 6,266 | 6,958 | 7 | 4 | 895 | 1,739 |
| DIESEL ENGINE TECHNOLOGY | 17 | 10 | 9 | 58.8 | 52.9 | 29,185 | 33,511 | 14 | 12 | 2,085 | 2,793 |
| DRIVEABILITY CLINIC | 109 | 57 | 56 | 52.3 | 51.4 | 903,514 | 984,621 | 109 | 107 | 8,289 | 9,202 |
| DRYWALL/TEXTURE | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| ELECTRICAL I, CORRESPONDENCE | 10 | 9 | 9 | 90.0 | 90.0 | 76,910 | 208,308 | 15 | 18 | 5,127 | 11,573 |
| ELECTRICAL II, CORRESPONDENCE | 4 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| ELECTRICAL III, CORRESPONDENCE | 4 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| ELECTRICAL IV, CORRESPONDENCE | 2 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| ELECTRICAL MOTOR CONTROLS, CORRESPONDENC | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| ELECTRICIAN APPRENTICE, FIRST YR | 38 | 31 | 28 | 81.6 | 73.7 | 396,889 | 413,507 | 59 | 52 | 6,727 | 7,952 |
| ELECTRICIAN APPRENTICE, SEC. YR | 10 | 9 | 9 | 90.0 | 90.0 | 124,991 | 134,156 | 17 | 16 | 7,352 | 8,385 |
| ELECTRICIAN APPRENTICE, 3 rd YR | 3 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| ELECTRONIC NAVIGATIONAL SYS. | 13 | 7 | 6 | 53.8 | 46.2 | 186,156 | 182,874 | 14 | 12 | 13,297 | 15,239 |
| EMT I | 29 | 18 | 19 | 62.1 | 65.5 | 191,514 | 231,372 | 29 | 34 | 6,604 | 6,805 |
| EMT II | 11 | 10 | 11 | 90.9 | 100.0 | 72,040 | 56,061 | 16 | 18 | 4,503 | 3,114 |
| EMT III | 5 | 4 | 3 | 80.0 | 60.0 | 44,720 | 61,888 | 7 | 6 | 6,389 | 10,315 |
| EMISSION SYSTEM INSPECTION & MAINTENANCE | 14 | 10 | 9 | 71.4 | 64.3 | 101,834 | 150,678 | 20 | 18 | 5,092 | 8,371 |
| EMPLOYMENT SKILLS/RETAIL SALES | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| EMT AUTO DEFIBRILATION | 7 | 5 | 6 | 71.4 | 85.7 | 38,466 | 67,327 | 9 | 12 | 4,274 | 5,611 |
| EMT I RECERTIFICATION | 9 | 6 | 7 | 66.7 | 77.8 | 97,734 | 111,429 | 11 | 14 | 8,885 | 7,959 |
| EMT III RECERTIFICATION | 3 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| ENGLISH | 4 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| ENGLISH AS A SECOND LANGUAGE | 6 | 3 | 5 | 50.0 | 83.3 | 26,103 | 27,418 | 6 | 8 | 4,351 | 3,427 |
| FACILITY MAINTENANCE | 18 | 15 | 16 | 83.3 | 88.9 | 52,333 | 110,261 | 25 | 27 | 2,093 | 4,084 |
| FISHING VESSEL OPERATOR | 4 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FOOD SERVICE TECHNOLOGY | 25 | 16 | 19 | 64.0 | 76.0 | 39,117 | 109,867 | 26 | 35 | 1,504 | 3,139 |
| FUNDAMENTALS OF SERVICE/ENGINES, CORRES | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| FUNDAMENTALS, CORRESPONDENCE | 2 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| GED PREPARATION | 15 | 7 | 9 | 46.7 | 60.0 | 27,190 | 42,656 | 11 | 15 | 2,472 | 2,844 |
| HAZARD AWARENESS | 68 | 43 | 55 | 63.2 | 80.9 | 349,732 | 532,963 | 73 | 93 | 4,791 | 5,731 |

AVTEC Participants-FY 1998
Employment and Earnings Before and After Training Program
Months 7 to 12
(participants may be in more than one program)

| Training Program | Number Exiting | Number Employed | | Percent Employed | | Total Wages | | Total Quarters Worked | | Avg Earnings/Qtr | |
|--|----------------|-----------------|-------|------------------|-------|-------------|-----------|-----------------------|-------|------------------|--------|
| | | Before | After | Before | After | Before | After | Before | After | Before | After |
| HEATING VENTILATION & AIR CNDTNG I, CORR | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| HEAVY EQUIPMENT TECHNOLOGY | 20 | 10 | 14 | 50.0 | 70.0 | 23,374 | 58,050 | 15 | 24 | 1,558 | 2,419 |
| HEAVY EQUIPMENT TECHNOLOGY, MODIFIED | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| HOUSING MAINTENANCE, MANAGER | 2 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| HOUSING MAINTENANCE, TECHNICIAN | 7 | 7 | 7 | 100.0 | 100.0 | 139,812 | 165,484 | 14 | 14 | 9,987 | 11,820 |
| HOUSING MAINTENANCE, WORKER | 77 | 75 | 76 | 97.4 | 98.7 | 1,377,601 | 1,576,699 | 148 | 149 | 9,308 | 10,582 |
| HVAC & REFRIGERATION | 29 | 18 | 19 | 62.1 | 65.5 | 129,796 | 176,477 | 28 | 30 | 4,636 | 5,883 |
| INDUSTRIAL ELECTRICITY | 14 | 10 | 10 | 71.4 | 71.4 | 100,506 | 99,258 | 20 | 18 | 5,025 | 5,514 |
| INDUSTRIAL ELECTRONICS, CORRESPONDENCE | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| INDUSTRIAL FIRST AID AND CPR | 27 | 17 | 17 | 63.0 | 63.0 | 229,590 | 253,257 | 30 | 30 | 7,653 | 8,442 |
| INDUSTRIAL SAFETY REFRESHER (4 HOURS) | 11 | 11 | 11 | 100.0 | 100.0 | 395,206 | 483,393 | 22 | 22 | 17,964 | 21,972 |
| INFORMATION TECHNOLOGY | 15 | 11 | 9 | 73.3 | 60.0 | 62,931 | 77,380 | 18 | 15 | 3,496 | 5,159 |
| INFORMATION TECHNOLOGY TEST PREP | 12 | 12 | 6 | 100.0 | 50.0 | 66,348 | 52,539 | 18 | 9 | 3,686 | 5,838 |
| INTRODUCTION TO MACINTOSH COMPUTER | 33 | 16 | 13 | 48.5 | 39.4 | 146,199 | 147,207 | 28 | 24 | 5,221 | 6,134 |
| INTRODUCTION TO WELL CONTROL | 10 | 6 | 6 | 60.0 | 60.0 | 153,018 | 63,427 | 12 | 8 | 12,751 | 7,928 |
| JOB TOOLS WELFARE TO WORK GRANT | 10 | 4 | 6 | 40.0 | 60.0 | 14,252 | 29,893 | 6 | 8 | 2,375 | 3,737 |
| LIFE COPING SKILLS | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| LIFEBOATMAN | 9 | 5 | 7 | 55.6 | 77.8 | 29,171 | 80,580 | 7 | 13 | 4,167 | 6,198 |
| MARINE REFRIGERATION | 2 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| MARINE SAFETY & EMERGENCY EQUIPMENT | 8 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| MARINE SPECIAL TOPICS | 51 | 28 | 30 | 54.9 | 58.8 | 289,292 | 336,579 | 45 | 55 | 6,429 | 6,120 |
| MASTER/MATE, LIMITED | 17 | 10 | 10 | 58.8 | 58.8 | 63,779 | 95,800 | 14 | 19 | 4,556 | 5,042 |
| MODERN REFRIG. & AIR CONDITIONING, CORRE | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| OPERATOR UNINSPECT PASSNGR/MASTER 100 GT | 4 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| OUTBOARD MOTOR TROUBLESHOOTING | 17 | 7 | 5 | 41.2 | 29.4 | 59,014 | 62,028 | 12 | 10 | 4,918 | 6,203 |
| PIPEFITTER I, CORRESPONDENCE | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| PLUMBING I, CORRESPONDENCE | 5 | 5 | 5 | 100.0 | 100.0 | 31,927 | 86,133 | 8 | 9 | 3,991 | 9,570 |
| PLUMBING II, CORRESPONDENCE | 4 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| PLUMBING III, CORRESPONDENCE | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| PLUMBING IV, CORRESPONDENCE | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| PLUMBING REPAIR | 11 | 11 | 11 | 100.0 | 100.0 | 184,886 | 224,650 | 21 | 22 | 8,804 | 10,211 |
| POWER PLANT OPERATION | 25 | 17 | 19 | 68.0 | 76.0 | 110,071 | 98,452 | 32 | 35 | 3,440 | 2,813 |
| PREVENTATIVE ENGINE MAINENANCE | 9 | 9 | 9 | 100.0 | 100.0 | 137,426 | 134,455 | 18 | 18 | 7,635 | 7,470 |
| PROGRAMABLE CONTROLS, CORRESPONDENCE | 2 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| RADAR OBSERVER | 18 | 11 | 15 | 61.1 | 83.3 | 161,360 | 278,350 | 18 | 25 | 8,964 | 11,134 |
| RADAR OBSERVER, RECERTIFICATION | 9 | 6 | 7 | 66.7 | 77.8 | 121,986 | 141,581 | 10 | 11 | 12,199 | 12,871 |
| RADAR REFRESHER | 20 | 14 | 13 | 70.0 | 65.0 | 280,177 | 255,174 | 25 | 22 | 11,207 | 11,599 |
| READING | 4 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| REFRIGERATION TECH. CERTIFICATION EXAM | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| RIG AND H2S SAFETY | 29 | 29 | 29 | 100.0 | 100.0 | 933,705 | 921,364 | 58 | 57 | 16,098 | 16,164 |
| ROUGHNECK TRAINING | 116 | 70 | 106 | 60.3 | 91.4 | 694,794 | 1,635,128 | 128 | 192 | 5,428 | 8,516 |
| SAFETY AND SURVIVAL | 13 | 3 | 6 | 23.1 | 46.2 | 12,548 | 121,499 | 5 | 12 | 2,510 | 10,125 |
| SAFETY EQUIPMENT & EMERGENCY PROCEDURES | 8 | 0 | 2 | 0.0 | 25.0 | 0 | 22,764 | 0 | 4 | 0 | 0 |
| SCHOOL BUS DRIVER INSTRUCTOR REFRESHER | 21 | 18 | 17 | 85.7 | 81.0 | 224,378 | 266,535 | 36 | 34 | 6,233 | 7,839 |
| SCHOOL BUS DRIVER INSTRUCTOR WORKSHOP | 17 | 17 | 17 | 100.0 | 100.0 | 153,014 | 178,355 | 34 | 34 | 4,500 | 5,246 |
| SEAFOOD PROCESSING | 41 | 29 | 28 | 70.7 | 68.3 | 110,707 | 142,054 | 47 | 50 | 2,355 | 2,841 |

AVTEC Participants-FY 1998
Employment and Earnings Before and After Training Program
Months 7 to 12
(participants may be in more than one program)

| Training Program | Number Exiting | Number Employed | | Percent Employed | | Total Wages | | Total Quarters Worked | | Avg Earnings/Qtr | |
|---------------------------------|----------------|-----------------|-------|------------------|-------|-------------|--------|-----------------------|-------|------------------|-------|
| | | Before | After | Before | After | Before | After | Before | After | Before | After |
| SHEET METAL I, CORRESPONDENCE | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| SHEET METAL III, CORRESPONDENCE | 2 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| SHIPBOARD EMERGENCY MEDICINE | 38 | 12 | 11 | 31.6 | 28.9 | 52,377 | 92,356 | 18 | 18 | 2,910 | 5,131 |
| SMALL BOAT ELECTRICS | 13 | 4 | 3 | 30.8 | 23.1 | 45,728 | 25,207 | 7 | 5 | 6,533 | 5,041 |
| TECHNICAL WRITING | 2 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| VOCATIONAL MATH | 12 | 5 | 5 | 41.7 | 41.7 | 15,986 | 5,713 | 8 | 7 | 1,998 | 816 |

ND= Nondisclosable

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section

AVTEC Participants-FY 1998
Employment and Earnings Before and After Training Program
Months 1 to 12
(participants may be in more than one program)

| Training Program | Number Exiting | Number Employed | | Percent Employed | | Total Wages | | Total Quarters Worked | | Avg Earnings/Qtr | |
|--|----------------|-----------------|-------|------------------|-------|-------------|------------|-----------------------|-------|------------------|---------|
| | | Before | After | Before | After | Before | After | Before | After | Before | After |
| ABLE SEAMAN | 7 | 6 | 6 | 85.7 | 85.7 | \$65,911 | \$99,387 | 16 | 20 | \$4,119 | \$4,969 |
| ADULT HEARTSAVER | 51 | 11 | 13 | 21.6 | 25.5 | 191,729 | 161,247 | 29 | 29 | 6,611 | 5,560 |
| ALUMINUM BOAT FABRICATION | 13 | 11 | 11 | 84.6 | 84.6 | 56,828 | 102,466 | 29 | 36 | 1,960 | 2,846 |
| AMSEA INSTRUCTOR TRAINING | 14 | 9 | 11 | 64.3 | 78.6 | 321,365 | 351,826 | 33 | 33 | 9,738 | 10,661 |
| AUTOMOTIVE SERVICE EXCELENCE TEST PREP. | 6 | 3 | 3 | 50.0 | 50.0 | 141,276 | 135,270 | 12 | 12 | 11,773 | 11,273 |
| AUTOMOTIVE TECHNOLOGY | 20 | 15 | 19 | 75.0 | 95.0 | 64,783 | 149,393 | 36 | 61 | 1,800 | 2,449 |
| BAKING, PROF UPGRADE 100. PER WK | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| BASIC LIFE SUPPORT | 22 | 17 | 16 | 77.3 | 72.7 | 309,930 | 382,790 | 52 | 60 | 5,960 | 6,380 |
| BASIC WELL CONTROL-SUBSEA STACK | 10 | 9 | 9 | 90.0 | 90.0 | 707,414 | 710,033 | 33 | 32 | 21,437 | 22,189 |
| BASIC WELL CONTROL-SURFACE STACK | 154 | 150 | 151 | 97.4 | 98.1 | 9,799,971 | 10,621,797 | 575 | 594 | 17,043 | 17,882 |
| BOAT MECHANICAL & ELECTRICAL MAINTENANCE | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| BOILER MAINTENANCE EXAM PREPARATION | 3 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| BUSINESS & OFFICE TECHNOLOGY | 47 | 35 | 37 | 74.5 | 78.7 | 192,458 | 346,345 | 96 | 114 | 2,005 | 3,038 |
| CARPENTRY I, CORRESPONDENCE | 3 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| CARPENTRY II, CORRESPONDENCE | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| CELESTIAL NAVIGATION | 3 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| CERTIFIED NURSE ASSISTANT | 2 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| COMMERCIAL BAKING TECHNOLOGY | 12 | 10 | 8 | 83.3 | 66.7 | 33,944 | 70,923 | 20 | 22 | 1,697 | 3,224 |
| COMMERCIAL TRUCK DRIVER | 10 | 10 | 7 | 100.0 | 70.0 | 96,425 | 159,869 | 27 | 25 | 3,571 | 6,395 |
| CPR INSTRUCTORS | 6 | 5 | 5 | 83.3 | 83.3 | 216,063 | 243,553 | 20 | 20 | 10,803 | 12,178 |
| DECKHAND TRAINING | 5 | 4 | 4 | 80.0 | 80.0 | 6,266 | 16,255 | 7 | 9 | 895 | 1,806 |
| DIESEL ENGINE TECHNOLOGY | 17 | 13 | 14 | 76.5 | 82.4 | 69,089 | 78,290 | 28 | 30 | 2,467 | 2,610 |
| DRIVEABILITY CLINIC | 109 | 57 | 56 | 52.3 | 51.4 | 1,949,691 | 1,989,213 | 221 | 207 | 8,822 | 9,610 |
| DRYWALL/TEXTURE | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| ELECTRICAL I, CORRESPONDENCE | 10 | 10 | 9 | 100.0 | 90.0 | 215,429 | 413,825 | 34 | 36 | 6,336 | 11,495 |
| ELECTRICAL II, CORRESPONDENCE | 4 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| ELECTRICAL III, CORRESPONDENCE | 4 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| ELECTRICAL IV, CORRESPONDENCE | 2 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| ELEC. MOTOR CONTROLS, CORRESPOND. | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| ELECTRICIAN APPRENTICE, FIRST YEAR | 38 | 34 | 32 | 89.5 | 84.2 | 727,606 | 880,371 | 119 | 110 | 6,114 | 8,003 |
| ELECTRICIAN APPRENTICE, SECOND YEAR | 10 | 9 | 9 | 90.0 | 90.0 | 213,685 | 302,122 | 32 | 33 | 6,678 | 9,155 |
| ELECTRICIAN APPRENTICE, THIRD YEAR | 3 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| ELECTRONIC NAVIGATIONAL SYSTEMS | 13 | 8 | 6 | 61.5 | 46.2 | 371,220 | 363,707 | 27 | 24 | 13,749 | 15,154 |
| EMERGENCY MEDICAL TECHNICIAN I | 29 | 20 | 20 | 69.0 | 69.0 | 420,474 | 501,705 | 60 | 70 | 7,008 | 7,167 |
| EMERGENCY MEDICAL TECHNICIAN II | 11 | 10 | 11 | 90.9 | 100.0 | 141,400 | 155,299 | 32 | 40 | 4,419 | 3,882 |
| EMERGENCY MEDICAL TECHNICIAN III | 5 | 4 | 5 | 80.0 | 100.0 | 103,305 | 147,312 | 14 | 15 | 7,379 | 9,821 |
| EMISSION SYSTEM INSPECTION & MAINTENANCE | 14 | 10 | 10 | 71.4 | 71.4 | 236,170 | 327,672 | 40 | 37 | 5,904 | 8,856 |
| EMPLOYMENT SKILLS/RETAIL SALES | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| EMT AUTO DEFIBRILATION | 7 | 5 | 7 | 71.4 | 100.0 | 79,114 | 138,397 | 18 | 26 | 4,395 | 5,323 |
| EMT I RECERTIFICATION | 9 | 7 | 8 | 77.8 | 88.9 | 197,440 | 233,091 | 25 | 30 | 7,898 | 7,770 |
| EMT III RECERTIFICATION | 3 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| ENGLISH | 4 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| ENGLISH AS A SECOND LANGUAGE | 6 | 4 | 5 | 66.7 | 83.3 | 54,959 | 62,475 | 14 | 16 | 3,926 | 3,905 |
| FACILITY MAINTENANCE | 18 | 16 | 17 | 88.9 | 94.4 | 107,941 | 246,691 | 44 | 59 | 2,453 | 4,181 |
| FISHING VESSEL OPERATOR | 4 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| FOOD SERVICE TECHNOLOGY | 25 | 18 | 22 | 72.0 | 88.0 | 64,542 | 195,866 | 49 | 68 | 1,317 | 2,880 |
| FUNDAMENTALS OF SERVICE/ENGINES, CORRES | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| FUNDAMENTALS, CORRESPONDENCE | 2 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| GED PREPARATION | 15 | 9 | 11 | 60.0 | 73.3 | 72,529 | 82,010 | 23 | 33 | 3,153 | 2,485 |
| HAZARD AWARENESS | 68 | 59 | 59 | 86.8 | 86.8 | 794,848 | 1,143,351 | 163 | 197 | 4,876 | 5,804 |
| HEAT/VENTILATION & AIR CONDNG I, CORR | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |

AVTEC Participants-FY 1998
Employment and Earnings Before and After Training Program
Months 1 to 12
(participants may be in more than one program)

| Training Program | Number Exiting | Number Employed | | Percent Employed | | Total Wages | | Total Quarters Worked | | Avg Earnings/Qtr | |
|--|----------------|-----------------|-------|------------------|-------|-------------|-----------|-----------------------|-------|------------------|---------|
| | | Before | After | Before | After | Before | After | Before | After | Before | After |
| HEAVY EQUIPMENT TECHNOLOGY | 20 | 15 | 15 | 75.0 | 75.0 | \$58,986 | \$134,063 | 37 | 43 | \$1,594 | \$3,118 |
| HEAVY EQUIPMENT TECHNOLOGY, MODIFIED | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| HOUSING MAINTENANCE, MANAGER | 2 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| HOUSING MAINTENANCE, TECHNICIAN | 7 | 7 | 7 | 100.0 | 100.0 | 281,844 | 324,076 | 28 | 28 | 10,066 | 11,574 |
| HOUSING MAINTENANCE, WORKER | 77 | 75 | 76 | 97.4 | 98.7 | 2,831,781 | 3,105,113 | 296 | 296 | 9,567 | 10,490 |
| HVAC & REFRIGERATION | 29 | 22 | 22 | 75.9 | 75.9 | 261,451 | 327,354 | 58 | 66 | 4,508 | 4,960 |
| INDUSTRIAL ELECTRICITY | 14 | 14 | 10 | 100.0 | 71.4 | 169,031 | 239,929 | 40 | 37 | 4,226 | 6,485 |
| INDUSTRIAL ELECTRONICS, CORRESPONDENCE | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| INDUSTRIAL FIRST AID AND CPR | 27 | 19 | 19 | 70.4 | 70.4 | 477,471 | 499,191 | 62 | 64 | 7,701 | 7,800 |
| INDUSTRIAL SAFETY REFRESHER (4 HOURS) | 11 | 11 | 11 | 100.0 | 100.0 | 834,968 | 926,698 | 44 | 44 | 18,977 | 21,061 |
| INFORMATION TECHNOLOGY | 15 | 11 | 10 | 73.3 | 66.7 | 110,417 | 148,099 | 32 | 31 | 3,451 | 4,777 |
| INFORMATION TECHNOLOGY TEST PREP | 12 | 12 | 6 | 100.0 | 50.0 | 83,574 | 75,418 | 30 | 15 | 2,786 | 5,028 |
| INTRODUCTION TO MACINTOSH COMPUTER | 33 | 18 | 17 | 54.5 | 51.5 | 302,997 | 290,268 | 54 | 54 | 5,611 | 5,375 |
| INTRODUCTION TO WELL CONTROL | 10 | 7 | 7 | 70.0 | 70.0 | 297,693 | 232,011 | 26 | 22 | 11,450 | 10,546 |
| JOB TOOLS WELFARE TO WORK GRANT | 10 | 5 | 6 | 50.0 | 60.0 | 20,020 | 49,941 | 10 | 18 | 2,002 | 2,775 |
| LIFE COPING SKILLS | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| LIFEBOATMAN | 9 | 6 | 8 | 66.7 | 88.9 | 72,859 | 197,049 | 15 | 27 | 4,857 | 7,298 |
| MARINE REFRIGERATION | 2 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| MARINE SAFETY & EMERGENCY EQUIPMENT | 8 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MARINE SPECIAL TOPICS | 51 | 37 | 38 | 72.5 | 74.5 | 615,359 | 675,847 | 100 | 115 | 6,154 | 5,877 |
| MASTER/MATE, LIMITED | 17 | 13 | 13 | 76.5 | 76.5 | 143,387 | 219,700 | 32 | 40 | 4,481 | 5,492 |
| MODERN REFRIG. & AIR CONDITION., CORRE | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| OPER. UNINSPECT PASSNGR/MASTER 100 GT | 4 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| OUTBOARD MOTOR TROUBLESHOOTING | 17 | 8 | 7 | 47.1 | 41.2 | 122,908 | 117,153 | 24 | 19 | 5,121 | 6,166 |
| PIPEFITTER I, CORRESPONDENCE | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| PLUMBING I, CORRESPONDENCE | 5 | 5 | 5 | 100.0 | 100.0 | 86,843 | 164,050 | 17 | 18 | 5,108 | 9,114 |
| PLUMBING II, CORRESPONDENCE | 4 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| PLUMBING III, CORRESPONDENCE | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| PLUMBING IV, CORRESPONDENCE | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| PLUMBING REPAIR | 11 | 11 | 11 | 100.0 | 100.0 | 380,124 | 443,309 | 42 | 44 | 9,051 | 10,075 |
| POWER PLANT OPERATION | 25 | 23 | 24 | 92.0 | 96.0 | 214,527 | 222,678 | 72 | 77 | 2,980 | 2,892 |
| PREVENTATIVE ENGINE MAINENANCE | 9 | 9 | 9 | 100.0 | 100.0 | 269,862 | 241,458 | 36 | 36 | 7,496 | 6,707 |
| PROGRAMABLE CONTROLS, CORRESPONDENCE | 2 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| RADAR OBSERVER | 18 | 14 | 16 | 77.8 | 88.9 | 424,542 | 587,371 | 43 | 53 | 9,873 | 11,082 |
| RADAR OBSERVER, RECERTIFICATION | 9 | 6 | 7 | 66.7 | 77.8 | 281,836 | 334,014 | 21 | 25 | 13,421 | 13,361 |
| RADAR REFRESHER | 20 | 14 | 14 | 70.0 | 70.0 | 655,415 | 571,158 | 51 | 46 | 12,851 | 12,416 |
| READING | 4 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| REFRIGERATION TECH. CERT. EXAM | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| RIG AND H2S SAFETY | 29 | 29 | 29 | 100.0 | 100.0 | 1,877,127 | 1,866,714 | 116 | 114 | 16,182 | 16,375 |
| ROUGHNECK TRAINING | 116 | 84 | 115 | 72.4 | 99.1 | 1,588,384 | 4,297,952 | 269 | 421 | 5,905 | 10,209 |
| SAFETY AND SURVIVAL | 13 | 6 | 7 | 46.2 | 53.8 | 71,044 | 259,804 | 16 | 25 | 4,440 | 10,392 |
| SAFETY EQUIPMENT & EMERGENCY PROC. | 8 | 0 | 2 | 0.0 | 25.0 | 0 | 50,263 | 0 | 8 | 0 | 6,283 |
| SCHOOL BUS DRIVER INSTRUCT. REFRESH. | 21 | 18 | 18 | 85.7 | 85.7 | 467,745 | 523,293 | 72 | 69 | 6,496 | 7,584 |
| SCHOOL BUS DRIVER INSTRUCTOR W\KSHP | 17 | 17 | 17 | 100.0 | 100.0 | 322,336 | 360,087 | 68 | 68 | 4,740 | 5,295 |
| SEAFOOD PROCESSING | 41 | 33 | 37 | 80.5 | 90.2 | 184,668 | 251,575 | 84 | 101 | 2,198 | 2,491 |
| SHEET METAL I, CORRESPONDENCE | 1 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| SHEET METAL III, CORRESPONDENCE | 2 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| SHIPBOARD EMERGENCY MEDICINE | 38 | 12 | 15 | 31.6 | 39.5 | 127,033 | 173,806 | 34 | 41 | 3,736 | 4,239 |
| SMALL BOAT ELECTRICS | 13 | 4 | 3 | 30.8 | 23.1 | 80,733 | 45,091 | 11 | 9 | 7,339 | 5,010 |
| TECHNICAL WRITING | 2 | 0 | 0 | 0.0 | 0.0 | ND | ND | ND | ND | ND | ND |
| VOCATIONAL MATH | 12 | 5 | 7 | 41.7 | 58.3 | 25,615 | 15,234 | 13 | 18 | 1,970 | 846 |

ND= Nondisclosable

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section

University of Alaska Vocational Education Programs

The University of Alaska provided 6,925 student vocational records for 6,779 identifiable students participating in vocational education courses throughout Alaska. The students took classes in FY 98 (summer 97, fall 97 and spring 98). To be counted as a vocational student, the students must have been enrolled in vocational education courses and completed three or more student credit hours during the year and have been in a certificate or AAS degree program or have received a certificate or AAS degree or have been non-degree seeking and taken a vocational education course. In addition, the students must not have returned to the University to take another class through Spring of 1999.

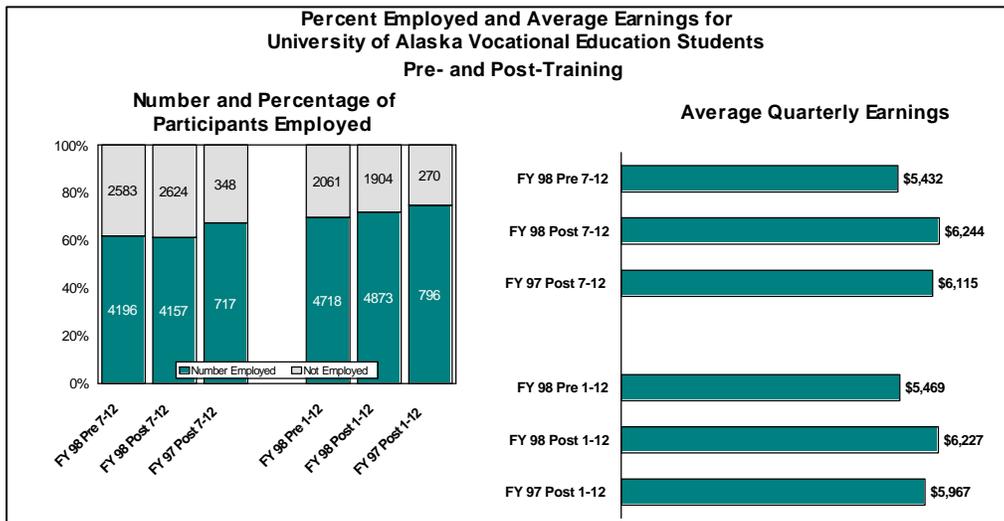
Performance and Participant Data

- During the third and/or fourth quarter following the student's exit from a vocational program, 61.3% of the program participants were reported as working in wage and salary employment¹. Nearly 72 percent worked in one or more quarters in the year following exit from the program.
- For those that were employed, the program participants earned an average of \$6,244 per quarter during the third and fourth quarter following training.
- During the twelve months following the student's exit from a training program former students earned an average of \$6,227 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the vocational course(s) were approximately \$97.1 million, a 21 percent increase over pre-training earnings during the twelve months prior to taking the vocational course.
- Approximately 20 percent of the former students were employed in state and local government in the year following completion of their last course.

**University of Alaska Vocational Education Students –Participants-FY 1998
Post Training Employment and Earnings**

| | Number Exiting | Number Employed | Percent Employed | Total Earnings | Total Quarters Worked | Average Earnings/Qtr | Median Total Earnings |
|-----------------------|-------------------|--------------------|---------------------|-------------------|--------------------------|-------------------------|--------------------------|
| Months 7 to 12 | | | | | | | |
| Before Training | 6,779 | 4,196 | 61.9 | \$39,661,421 | 7,302 | \$5,432 | \$7,001 |
| After Training | 6,779 | 4,157 | 61.3 | 46,343,072 | 7,422 | 6,244 | 9,454 |
| Months 1 to 12 | | | | | | | |
| Before Training | 6,779 | 4,718 | 69.6 | 80,086,797 | 14,644 | 5,469 | 11,003 |
| After Training | 6,779 | 4,873 | 71.9 | 97,173,412 | 15,605 | 6,227 | 15,554 |

Note: Includes an unduplicated count of those program participants with a valid social security number.
Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.



**University of Alaska Vocational Education Students -FY 1998
Employment and Earnings Before and After Training Program by Vocational Program
Completer Status**

| Completer Status | Number Exiting | Number Employed | | Percent Employed | | Total Wages | | Total Quarters Worked | | Avg Earnings/Qtr | |
|-------------------------|----------------|-----------------|-------|------------------|-------|--------------|--------------|-----------------------|--------|------------------|---------|
| | | Before | After | Before | After | Before | After | Before | After | Before | After |
| Months 7 to 12 | | | | | | | | | | | |
| Not Enrolled in Program | 5,050 | 3,084 | 3,060 | 61.1 | 60.6 | \$31,993,200 | \$35,291,737 | 5,418 | 5,454 | \$5,905 | \$6,471 |
| Program Completer | 413 | 276 | 280 | 66.8 | 67.8 | 1,908,356 | 3,271,299 | 459 | 506 | 4,158 | 6,465 |
| Enrolled-Not Completed | 1,316 | 836 | 817 | 63.5 | 62.1 | 5,759,865 | 7,780,036 | 1,425 | 1,462 | 4,042 | 5,322 |
| Months 1 to 12 | | | | | | | | | | | |
| Not Enrolled in Program | 5,050 | 3,460 | 3,579 | 68.5 | 70.9 | 65,181,479 | 74,062,759 | 10,932 | 11,437 | 5,962 | 6,476 |
| Program Completer | 413 | 306 | 319 | 74.1 | 77.2 | 3,514,026 | 6,695,291 | 881 | 1,060 | 3,989 | 6,316 |
| Enrolled-Not Completed | 1,316 | 952 | 975 | 72.3 | 74.1 | 11,391,293 | 16,415,362 | 2,831 | 3,108 | 4,024 | 5,282 |

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.

**University of Alaska Vocational Education Students -FY 1998
Employment and Earnings Before and After Training Program by Sex**

| Sex | Number Exiting | Number Employed | | Percent Employed | | Total Wages | | Total Quarters Worked | | Avg Earnings/Qtr | |
|-----------------------|----------------|-----------------|-------|------------------|-------|--------------|--------------|-----------------------|-------|------------------|---------|
| | | Before | After | Before | After | Before | After | Before | After | Before | After |
| Months 7 to 12 | | | | | | | | | | | |
| Female | 3,758 | 2,388 | 2,390 | 63.5 | 63.6 | \$20,288,777 | \$23,636,049 | 4,230 | 4,305 | \$4,796 | \$5,490 |
| Male | 3,021 | 1,808 | 1,767 | 59.8 | 58.5 | 19,372,644 | 22,707,024 | 3,072 | 3,117 | 6,306 | 7,285 |
| Months 1 to 12 | | | | | | | | | | | |
| Female | 3,758 | 2,665 | 2,782 | 70.9 | 74.0 | 41,476,802 | 48,891,171 | 8,505 | 9,008 | 4,877 | 5,428 |
| Male | 3,021 | 2,053 | 2,091 | 68.0 | 69.2 | 38,609,995 | 48,282,241 | 6,139 | 6,597 | 6,289 | 7,319 |

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.

**University of Alaska Vocational Education Students -FY 1998
Employment and Earnings Before and After Training Program by Race**

| Race | Number Exiting | Number Employed | | Percent Employed | | Total Wages | | Total Quarters Worked | | Avg Earnings/Qtr | |
|-----------------------|----------------|-----------------|-------|------------------|-------|-------------|------------|-----------------------|--------|------------------|---------|
| | | Before | After | Before | After | Before | After | Before | After | Before | After |
| Months 7 to 12 | | | | | | | | | | | |
| Unknown | 89 | 34 | 40 | 38.2 | 44.9 | \$272,524 | \$320,782 | 56 | 72 | \$4,866 | \$4,455 |
| Native Am. | 1015 | 696 | 731 | 68.6 | 72.0 | 5,566,293 | 6,332,867 | 1,196 | 1,256 | 4,654 | 5,042 |
| Asian | 213 | 129 | 121 | 60.6 | 56.8 | 938,554 | 1,253,997 | 224 | 220 | 4,190 | 5,700 |
| Black | 272 | 151 | 134 | 55.5 | 49.3 | 1,054,782 | 1,313,075 | 265 | 244 | 3,980 | 5,381 |
| Hispanic | 190 | 114 | 109 | 60.0 | 57.4 | 1,016,780 | 985,114 | 203 | 197 | 5,009 | 5,001 |
| White | 4528 | 2816 | 2769 | 62.2 | 61.2 | 28,120,426 | 33,317,710 | 4,912 | 4,988 | 5,725 | 6,680 |
| Other | 472 | 256 | 253 | 54.2 | 53.6 | 2,692,064 | 2,819,527 | 446 | 445 | 6,036 | 6,336 |
| Months 1 to 12 | | | | | | | | | | | |
| Unknown | 89 | 43 | 48 | 48.3 | 53.9 | 565,822 | 662,596 | 122 | 141 | 4,638 | 4,699 |
| Nat/Ind | 1015 | 776 | 830 | 76.5 | 81.8 | 11,003,586 | 13,391,994 | 2,329 | 2,603 | 4,725 | 5,145 |
| Asian | 213 | 148 | 144 | 69.5 | 67.6 | 1,845,019 | 2,596,271 | 452 | 470 | 4,082 | 5,524 |
| Black | 272 | 173 | 162 | 63.6 | 59.6 | 2,187,518 | 2,795,998 | 535 | 525 | 4,089 | 5,326 |
| Hispanic | 190 | 134 | 139 | 70.5 | 73.2 | 2,075,373 | 2,173,181 | 421 | 438 | 4,930 | 4,962 |
| White | 4528 | 3,155 | 3,241 | 69.7 | 71.6 | 56,957,080 | 69,454,084 | 9,886 | 10,468 | 5,761 | 6,635 |
| Other | 472 | 289 | 309 | 61.2 | 65.5 | 5,452,399 | 6,099,289 | 899 | 960 | 6,065 | 6,353 |

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.

**University of Alaska Vocational Education Students -FY 1998
Employment and Earnings Before and After Training Program by University**

| | Number Exiting | Number Employed | | Percent Employed | | Total Wages | | Total Quarters Worked | | Avg Earnings/Qtr | |
|-----------------------|----------------|-----------------|-------|------------------|-------|--------------|--------------|-----------------------|-------|------------------|---------|
| | | Before | After | Before | After | Before | After | Before | After | Before | After |
| Months 7 to 12 | | | | | | | | | | | |
| UAA | 3,537 | 2,084 | 2,097 | 58.9 | 59.3 | \$19,344,453 | \$23,798,616 | 3,629 | 3,758 | \$5,331 | \$6,333 |
| UAF | 2,243 | 1,487 | 1,444 | 66.3 | 64.4 | 13,162,525 | 14,710,578 | 2,559 | 2,541 | 5,144 | 5,789 |
| UAS | 1,145 | 696 | 703 | 60.8 | 61.4 | 7,654,601 | 8,517,456 | 1,235 | 1,273 | 6,198 | 6,691 |
| Months 1 to 12 | | | | | | | | | | | |
| UAA | 3,537 | 2,355 | 2,454 | 66.6 | 69.4 | 39,045,190 | 49,778,185 | 7,306 | 7,907 | 5,344 | 6,295 |
| UAF | 2,243 | 1,660 | 1,691 | 74.0 | 75.4 | 26,200,694 | 30,940,818 | 5,058 | 5,339 | 5,180 | 5,795 |
| UAS | 1,145 | 785 | 824 | 68.6 | 72.0 | 15,864,184 | 17,918,742 | 2,523 | 2,656 | 6,288 | 6,747 |

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.

**University of Alaska Vocational Education Students -FY 1998
Employment and Earnings Before and After Training Program by Campus
Months 7 to 12**

| Campus | Number Exiting | Number Employed | | Percent Employed | | Total Wages | | Total Quarters Worked | | Avg Earnings/Qtr | |
|-----------------------|----------------|-----------------|-------|------------------|-------|--------------|--------------|-----------------------|-------|------------------|---------|
| | | Before | After | Before | After | Before | After | Before | After | Before | After |
| Months 7 to 12 | | | | | | | | | | | |
| Anchorage | 2,085 | 1,284 | 1,248 | 61.6 | 59.9 | \$11,860,724 | \$14,631,371 | 2,263 | 2,260 | \$5,241 | \$6,474 |
| Kenai | 342 | 204 | 205 | 59.6 | 59.9 | 1,968,337 | 2,492,590 | 336 | 364 | 5,858 | 6,848 |
| Kachemak Bay | 113 | 60 | 63 | 53.1 | 55.8 | 405,416 | 596,504 | 94 | 109 | 4,313 | 5,473 |
| Kodiak | 151 | 82 | 83 | 54.3 | 55.0 | 874,067 | 824,821 | 147 | 143 | 5,946 | 5,768 |
| Mat-Su | 517 | 299 | 316 | 57.8 | 61.1 | 2,750,595 | 3,319,461 | 517 | 571 | 5,320 | 5,813 |
| Military | 59 | 3 | 11 | 5.1 | 18.6 | 2,447 | 48,945 | 3 | 19 | 816 | 2,576 |
| PWSCC | 216 | 136 | 144 | 63.0 | 66.7 | 1,377,669 | 1,685,038 | 243 | 249 | 5,669 | 6,767 |
| Fairbanks | 99 | 57 | 55 | 57.6 | 55.6 | 428,620 | 505,268 | 97 | 92 | 4,419 | 5,492 |
| Bristol Bay | 149 | 106 | 107 | 71.1 | 71.8 | 967,663 | 1,014,219 | 187 | 190 | 5,175 | 5,338 |
| Chukchi | 37 | 27 | 30 | 73.0 | 81.1 | 258,796 | 280,382 | 50 | 55 | 5,176 | 5,098 |
| Interior/Aleutians | 116 | 86 | 78 | 74.1 | 67.2 | 1,008,337 | 1,033,073 | 153 | 135 | 6,590 | 7,652 |
| Kuskokwim | 144 | 126 | 116 | 87.5 | 80.6 | 1,300,072 | 1,163,037 | 232 | 176 | 5,604 | 6,608 |
| Northwest | 101 | 76 | 71 | 75.2 | 70.3 | 769,307 | 789,613 | 131 | 127 | 5,873 | 6,217 |
| Rural College | 155 | 97 | 95 | 62.6 | 61.3 | 780,621 | 983,010 | 159 | 162 | 4,910 | 6,068 |
| Tanana Valley | 1,379 | 870 | 850 | 63.1 | 61.6 | 7,355,073 | 8,625,847 | 1,477 | 1,530 | 4,980 | 5,638 |
| Juneau | 530 | 321 | 302 | 60.6 | 57.0 | 3,548,133 | 3,359,659 | 575 | 546 | 6,171 | 6,153 |
| Ketchikan | 206 | 143 | 122 | 69.4 | 59.2 | 1,546,031 | 1,268,749 | 253 | 212 | 6,111 | 5,985 |
| Sitka | 380 | 219 | 261 | 57.6 | 68.7 | 2,459,513 | 3,721,486 | 385 | 482 | 6,388 | 7,721 |
| Months 1 to 12 | | | | | | | | | | | |
| Anchorage | 2,085 | 1,428 | 1,451 | 68.5 | 69.6 | \$23,812,734 | \$30,888,123 | 4,546 | 4,760 | \$5,238 | \$6,489 |
| Kenai | 342 | 234 | 245 | 68.4 | 71.6 | 3,954,531 | 5,121,524 | 678 | 767 | 5,833 | 6,677 |
| Kachemak Bay | 113 | 72 | 77 | 63.7 | 68.1 | 838,071 | 1,148,568 | 196 | 234 | 4,276 | 4,908 |
| Kodiak | 151 | 94 | 94 | 62.3 | 62.3 | 1,706,022 | 1,757,291 | 300 | 304 | 5,687 | 5,781 |
| Mat-Su | 517 | 342 | 378 | 66.2 | 73.1 | 5,519,198 | 6,962,648 | 1,027 | 1,209 | 5,374 | 5,759 |
| Military | 59 | 5 | 13 | 8.5 | 22.0 | 6,591 | 92,457 | 8 | 35 | 824 | 2,642 |
| PWSCC | 216 | 160 | 166 | 74.1 | 76.9 | 2,982,932 | 3,394,744 | 496 | 514 | 6,014 | 6,605 |
| Fairbanks | 99 | 65 | 69 | 65.7 | 69.7 | 844,669 | 1,028,549 | 184 | 197 | 4,591 | 5,221 |
| Bristol Bay | 149 | 122 | 126 | 81.9 | 84.6 | 1,974,707 | 2,094,888 | 385 | 397 | 5,129 | 5,277 |
| Chukchi | 37 | 32 | 35 | 86.5 | 94.6 | 578,740 | 605,882 | 105 | 111 | 5,512 | 5,458 |
| Interior/Aleutians | 116 | 92 | 93 | 79.3 | 80.2 | 1,974,960 | 2,146,015 | 299 | 283 | 6,605 | 7,583 |
| Kuskokwim | 144 | 134 | 133 | 93.1 | 92.4 | 2,439,683 | 2,639,368 | 436 | 418 | 5,596 | 6,314 |
| Northwest | 101 | 86 | 82 | 85.1 | 81.2 | 1,608,531 | 1,705,181 | 275 | 266 | 5,849 | 6,410 |
| Rural College | 155 | 108 | 107 | 69.7 | 69.0 | 1,594,671 | 1,963,510 | 319 | 336 | 4,999 | 5,844 |
| Tanana Valley | 1,379 | 975 | 998 | 70.7 | 72.4 | 14,580,082 | 18,042,413 | 2,912 | 3,181 | 5,007 | 5,672 |
| Juneau | 530 | 359 | 364 | 67.7 | 68.7 | 7,145,336 | 7,090,004 | 1,159 | 1,145 | 6,165 | 6,192 |
| Ketchikan | 206 | 157 | 151 | 76.2 | 73.3 | 3,388,881 | 2,882,823 | 513 | 470 | 6,606 | 6,134 |
| Sitka | 380 | 253 | 291 | 66.6 | 76.6 | 5,136,458 | 7,609,425 | 806 | 978 | 6,373 | 7,781 |

Note: Military employment in private sector wage and salary positions only.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.

**University of Alaska Vocational Education Students -FY 1998
Employment and Earnings Before and After Training Program by Subject
Months 7 to 12**

| Subject | Number Exiting | Number Employed | | Percent Employed | | Total Wages | | Total Quarters Worked | | Avg Earnings/Qtr | |
|-------------------------------|----------------|-----------------|-------|------------------|-------|-------------|-------------|-----------------------|-------|------------------|---------|
| | | Before | After | Before | After | Before | After | Before | After | Before | After |
| Accounting | 200 | 147 | 128 | 73.5 | 64.0 | \$1,528,383 | \$1,671,443 | 272 | 242 | \$5,619 | \$6,907 |
| Accounting & Info Systems | 1 | 1 | 1 | 100.0 | 100.0 | ND | ND | ND | ND | ND | ND |
| Agriculture | 45 | 23 | 24 | 51.1 | 53.3 | 243,196 | 312,650 | 43 | 44 | 5,656 | 7,106 |
| Airframe & Poweplant Mech | 12 | 6 | 5 | 50.0 | 41.7 | 29,571 | 76,967 | 10 | 10 | 2,957 | 7,697 |
| Alaska Wilderness Studies | 47 | 18 | 21 | 38.3 | 44.7 | 191,175 | 280,640 | 31 | 35 | 6,167 | 8,018 |
| American Sign Language | 114 | 76 | 78 | 66.7 | 68.4 | 450,880 | 624,663 | 121 | 134 | 3,726 | 4,662 |
| American Sign Language* | 110 | 72 | 60 | 65.5 | 54.5 | 610,255 | 661,930 | 128 | 110 | 4,768 | 6,018 |
| Applied Business | 163 | 93 | 102 | 57.1 | 62.6 | 846,152 | 1,037,462 | 158 | 177 | 5,355 | 5,861 |
| Applied Photography | 1 | 1 | 1 | 100.0 | 100.0 | ND | ND | ND | ND | ND | ND |
| Architect Engineering Tech | 70 | 44 | 47 | 62.9 | 67.1 | 577,134 | 537,689 | 81 | 84 | 7,125 | 6,401 |
| Auto/Diesel Technology | 38 | 30 | 29 | 78.9 | 76.3 | 306,412 | 516,422 | 52 | 53 | 5,893 | 9,744 |
| Automotive Tech | 34 | 20 | 22 | 58.8 | 64.7 | 131,932 | 177,523 | 34 | 37 | 3,880 | 4,798 |
| Aviation Technology | 327 | 193 | 197 | 59.0 | 60.2 | 2,410,141 | 2,673,317 | 327 | 341 | 7,370 | 7,840 |
| Business Administration | 363 | 234 | 220 | 64.5 | 60.6 | 2,006,242 | 2,238,586 | 405 | 385 | 4,954 | 5,815 |
| Business Information Systems | 331 | 182 | 189 | 55.0 | 57.1 | 1,751,519 | 1,932,220 | 315 | 335 | 5,560 | 5,768 |
| Community Education | 28 | 17 | 19 | 60.7 | 67.9 | 164,018 | 204,087 | 27 | 33 | 6,075 | 6,184 |
| Community Health Pract | 61 | 53 | 52 | 86.9 | 85.2 | 447,198 | 532,561 | 96 | 87 | 4,658 | 6,121 |
| Computer Info Office Systems | 1,409 | 840 | 847 | 59.6 | 60.1 | 7,890,959 | 8,771,100 | 1,467 | 1,508 | 5,379 | 5,816 |
| Computer Info Science | 64 | 39 | 31 | 60.9 | 48.4 | 478,617 | 395,975 | 73 | 61 | 6,556 | 6,491 |
| Construction Technology | 36 | 27 | 27 | 75.0 | 75.0 | 306,961 | 227,836 | 49 | 46 | 6,265 | 4,953 |
| Culinary Arts | 49 | 24 | 25 | 49.0 | 51.0 | 165,195 | 212,823 | 40 | 43 | 4,130 | 4,949 |
| Culinary Arts/Hospitality | 41 | 26 | 24 | 63.4 | 58.5 | 172,762 | 223,487 | 44 | 46 | 3,926 | 4,858 |
| Dental Assisting | 13 | 6 | 10 | 46.2 | 76.9 | 25,243 | 93,179 | 11 | 19 | 2,295 | 4,904 |
| Dental Hygiene | 9 | 4 | 9 | 44.4 | 100.0 | 10,381 | 186,643 | 6 | 18 | 1,730 | 10,369 |
| Diesel Tech | 35 | 19 | 19 | 54.3 | 54.3 | 169,140 | 131,000 | 31 | 31 | 5,456 | 4,226 |
| Diesel Technology | 9 | 6 | 5 | 66.7 | 55.6 | 69,851 | 61,998 | 12 | 9 | 5,821 | 6,889 |
| Dietetics & Nutrition | 39 | 25 | 24 | 64.1 | 61.5 | 229,724 | 194,703 | 46 | 43 | 4,994 | 4,528 |
| Drafting Technology | 102 | 56 | 58 | 54.9 | 56.9 | 510,882 | 732,004 | 87 | 104 | 5,872 | 7,039 |
| Early Childhood | 97 | 70 | 66 | 72.2 | 68.0 | 426,732 | 573,735 | 117 | 119 | 3,647 | 4,821 |
| Early Childhood Development | 62 | 38 | 38 | 61.3 | 61.3 | 216,734 | 324,015 | 68 | 69 | 3,187 | 4,696 |
| Electronics Technology | 125 | 78 | 72 | 62.4 | 57.6 | 867,520 | 1,086,654 | 138 | 129 | 6,286 | 8,424 |
| Emergency Med Tech | 168 | 77 | 79 | 45.8 | 47.0 | 626,118 | 735,576 | 128 | 143 | 4,892 | 5,144 |
| Emergency Medical Services | 164 | 100 | 97 | 61.0 | 59.1 | 769,989 | 837,638 | 172 | 165 | 4,477 | 5,077 |
| Engineering Design Drafting | 15 | 8 | 7 | 53.3 | 46.7 | 141,374 | 105,590 | 15 | 12 | 9,425 | 8,799 |
| English as a Second Language | 57 | 21 | 19 | 36.8 | 33.3 | 96,855 | 233,298 | 34 | 34 | 2,849 | 6,862 |
| Environmental Technology | 33 | 13 | 18 | 39.4 | 54.5 | 208,388 | 259,053 | 24 | 34 | 8,683 | 7,619 |
| Family and Consumer Sciences | 3 | 0 | 2 | 0.0 | 66.7 | ND | ND | ND | ND | ND | ND |
| Fire Science | 122 | 89 | 77 | 73.0 | 63.1 | 850,817 | 794,580 | 147 | 138 | 5,788 | 5,758 |
| Fire Service Administration | 41 | 36 | 32 | 87.8 | 78.0 | 336,617 | 433,153 | 57 | 59 | 5,906 | 7,342 |
| Floral Design | 23 | 14 | 13 | 60.9 | 56.5 | 144,897 | 135,298 | 25 | 23 | 5,796 | 5,883 |
| Food Service Tech | 9 | 5 | 6 | 55.6 | 66.7 | 48,958 | 59,321 | 9 | 11 | 5,440 | 5,393 |
| Geographic Information System | 13 | 8 | 9 | 61.5 | 69.2 | 125,495 | 156,374 | 13 | 15 | 9,653 | 10,425 |
| Geomatics | 15 | 10 | 10 | 66.7 | 66.7 | 86,544 | 156,985 | 16 | 20 | 5,409 | 7,849 |
| Guidance | 41 | 23 | 27 | 56.1 | 65.9 | 145,220 | 122,259 | 40 | 39 | 3,631 | 3,135 |
| Health | 209 | 156 | 154 | 74.6 | 73.7 | 1,048,585 | 1,133,278 | 275 | 264 | 3,813 | 4,293 |
| Health Care Assisting | 4 | 2 | 2 | 50.0 | 50.0 | ND | ND | ND | ND | ND | ND |
| Health Information Managment | 57 | 38 | 38 | 66.7 | 66.7 | 448,820 | 513,465 | 70 | 74 | 6,412 | 6,939 |
| Health Sciences | 101 | 65 | 61 | 64.4 | 60.4 | 611,548 | 624,165 | 110 | 105 | 5,560 | 5,944 |
| Heavy Equipment Mechanics | 9 | 5 | 7 | 55.6 | 77.8 | 45,896 | 81,436 | 9 | 13 | 5,100 | 6,264 |
| Human Services | 180 | 117 | 122 | 65.0 | 67.8 | 1,070,216 | 1,296,503 | 216 | 227 | 4,955 | 5,711 |
| Human Services Technology | 187 | 131 | 121 | 70.1 | 64.7 | 936,659 | 1,163,029 | 222 | 217 | 4,219 | 5,360 |
| Industrial Technology | 21 | 14 | 15 | 66.7 | 71.4 | 254,799 | 265,557 | 27 | 28 | 9,437 | 9,484 |
| Interior Design | 14 | 12 | 8 | 85.7 | 57.1 | 130,752 | 154,378 | 21 | 16 | 6,226 | 9,649 |
| Justice | 76 | 40 | 66 | 52.6 | 86.8 | 499,784 | 1,364,469 | 72 | 130 | 6,941 | 10,496 |
| Law Science | 18 | 13 | 14 | 72.2 | 77.8 | 170,598 | 183,880 | 24 | 25 | 7,108 | 7,355 |
| Marine Technology | 88 | 56 | 44 | 63.6 | 50.0 | 780,212 | 696,198 | 98 | 77 | 7,961 | 9,042 |
| Mechanical Tech | 24 | 10 | 12 | 41.7 | 50.0 | 133,153 | 147,462 | 17 | 18 | 7,833 | 8,192 |
| Medical Assisting | 88 | 45 | 54 | 51.1 | 61.4 | 411,550 | 508,564 | 83 | 96 | 4,958 | 5,298 |
| Medical Lab Tech | 15 | 10 | 8 | 66.7 | 53.3 | 46,736 | 81,869 | 17 | 16 | 2,749 | 5,117 |
| No Voc Ed courses | 297 | 196 | 174 | 66.0 | 58.6 | 1,499,798 | 1,767,298 | 338 | 313 | 4,437 | 5,646 |
| Nursing | 53 | 29 | 35 | 54.7 | 66.0 | 177,284 | 371,759 | 50 | 65 | 3,546 | 5,719 |

**University of Alaska Vocational Education Students -FY 1998
Employment and Earnings Before and After Training Program by Subject
Months 7 to 12**

| Subject | Number Exiting | Number Employed | | Percent Employed | | Total Wages | | Total Quarters Worked | | Avg Earnings/Qtr | |
|------------------------------|----------------|-----------------|-------|------------------|-------|-------------|-----------|-----------------------|-------|------------------|--------|
| | | Before | After | Before | After | Before | After | Before | After | Before | After |
| Occupational Certif Training | 26 | 15 | 15 | 57.7 | 57.7 | 40,979 | 89,588 | 23 | 29 | 1,782 | 3,089 |
| Paralegal | 48 | 35 | 30 | 72.9 | 62.5 | 306,209 | 310,698 | 63 | 55 | 4,860 | 5,649 |
| Paralegal Studies | 27 | 18 | 17 | 66.7 | 63.0 | 123,344 | 136,564 | 31 | 30 | 3,979 | 4,552 |
| Paramedical Technology | 21 | 13 | 15 | 61.9 | 71.4 | 128,463 | 238,514 | 23 | 28 | 5,585 | 8,518 |
| Petroleum Technology | 12 | 9 | 9 | 75.0 | 75.0 | 125,493 | 218,381 | 14 | 17 | 8,964 | 12,846 |
| Refrigeration & Heating | 15 | 10 | 10 | 66.7 | 66.7 | 86,511 | 94,156 | 18 | 17 | 4,806 | 5,539 |
| Rural Human Services | 25 | 23 | 23 | 92.0 | 92.0 | 224,087 | 190,584 | 42 | 35 | 5,335 | 5,445 |
| Surveying And Mapping | 3 | 2 | 3 | 66.7 | 100.0 | ND | ND | ND | ND | ND | ND |
| Trade & Technology | 1 | 1 | 1 | 100.0 | 100.0 | ND | ND | ND | ND | ND | ND |
| Trades And Technology | 73 | 48 | 52 | 65.8 | 71.2 | 508,516 | 685,196 | 86 | 95 | 5,913 | 7,213 |
| Visitor Industry | 10 | 5 | 4 | 50.0 | 40.0 | 72,563 | 52,552 | 8 | 6 | 9,070 | 8,759 |
| Vocational Education | 9 | 7 | 6 | 77.8 | 66.7 | 89,454 | 26,807 | 13 | 9 | 6,881 | 2,979 |
| Vocational Skills | 24 | 13 | 13 | 54.2 | 54.2 | 174,086 | 207,128 | 23 | 24 | 7,569 | 8,630 |
| Wastewater Technology | 4 | 4 | 4 | 100.0 | 100.0 | ND | ND | ND | ND | ND | ND |
| Welding & Materials Tech | 80 | 33 | 34 | 41.3 | 42.5 | 520,355 | 634,555 | 58 | 62 | 8,972 | 10,235 |
| Welding Tech | 198 | 136 | 127 | 68.7 | 64.1 | 1,828,938 | 1,989,599 | 237 | 237 | 7,717 | 8,395 |
| Wood Technology | 23 | 13 | 13 | 56.5 | 56.5 | 208,862 | 217,661 | 25 | 24 | 8,354 | 9,069 |

ND= Nondisclosable

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.

**University of Alaska Vocational Education Students -FY 1998
Employment and Earnings Before and After Training Program by Subject
Months 1 to 12**

| Subject | Number Exiting | Number Employed | | Percent Employed | | Total Wages | | Total Quarters Worked | | Avg Earnings/Qtr | |
|-------------------------------|----------------|-----------------|-------|------------------|-------|-------------|-------------|-----------------------|-------|------------------|---------|
| | | Before | After | Before | After | Before | After | Before | After | Before | After |
| Accounting | 200 | 153 | 148 | 76.5 | 74.0 | \$3,031,917 | \$3,426,398 | 532 | 501 | \$5,699 | \$6,839 |
| Accounting & Info Systems | 1 | 1 | 1 | 100.0 | 100.0 | ND | ND | ND | ND | ND | ND |
| Agriculture | 45 | 27 | 30 | 60.0 | 66.7 | 521,370 | 633,016 | 87 | 96 | 5,993 | 6,594 |
| Airframe & Powerplant Mech | 12 | 6 | 9 | 50.0 | 75.0 | 43,033 | 145,490 | 18 | 21 | 2,391 | 6,928 |
| Alaska Wilderness Studies | 47 | 23 | 30 | 48.9 | 63.8 | 511,415 | 657,807 | 68 | 84 | 7,521 | 7,831 |
| American Sign Language | 114 | 86 | 93 | 75.4 | 81.6 | 883,379 | 1,237,600 | 236 | 274 | 3,743 | 4,517 |
| American Sign Language* | 110 | 76 | 74 | 69.1 | 67.3 | 1,309,480 | 1,344,091 | 258 | 234 | 5,076 | 5,744 |
| Applied Business | 163 | 107 | 112 | 65.6 | 68.7 | 1,744,567 | 2,123,297 | 324 | 364 | 5,384 | 5,833 |
| Applied Photography | 1 | 1 | 1 | 100.0 | 100.0 | ND | ND | ND | ND | ND | ND |
| Architect Engineering Tech | 70 | 53 | 47 | 75.7 | 67.1 | 1,044,554 | 1,258,026 | 166 | 172 | 6,292 | 7,314 |
| Auto/Diesel Technology | 38 | 31 | 33 | 81.6 | 86.8 | 605,268 | 1,077,294 | 109 | 114 | 5,553 | 9,450 |
| Automotive Tech | 34 | 22 | 26 | 64.7 | 76.5 | 269,614 | 373,891 | 69 | 76 | 3,907 | 4,920 |
| Aviation Technology | 327 | 217 | 225 | 66.4 | 68.8 | 4,741,957 | 5,744,702 | 650 | 710 | 7,295 | 8,091 |
| Business Administration | 363 | 262 | 265 | 72.2 | 73.0 | 4,032,293 | 4,766,159 | 811 | 821 | 4,972 | 5,805 |
| Business Information Systems | 331 | 204 | 225 | 61.6 | 68.0 | 3,575,066 | 3,998,772 | 641 | 685 | 5,577 | 5,838 |
| Community Education | 28 | 23 | 23 | 82.1 | 82.1 | 349,821 | 426,484 | 59 | 69 | 5,929 | 6,181 |
| Community Health Pract | 61 | 58 | 57 | 95.1 | 93.4 | 908,563 | 1,162,379 | 193 | 189 | 4,708 | 6,150 |
| Computer Info Office Systems | 1,409 | 933 | 981 | 66.2 | 69.6 | 16,077,085 | 18,231,471 | 2,909 | 3,142 | 5,527 | 5,803 |
| Computer Info Science | 64 | 40 | 40 | 62.5 | 62.5 | 978,125 | 779,495 | 140 | 125 | 6,987 | 6,236 |
| Construction Technology | 36 | 31 | 32 | 86.1 | 88.9 | 580,313 | 551,241 | 95 | 102 | 6,109 | 5,404 |
| Culinary Arts | 49 | 30 | 31 | 61.2 | 63.3 | 320,728 | 443,952 | 82 | 98 | 3,911 | 4,530 |
| Culinary Arts/Hospitality | 41 | 31 | 29 | 75.6 | 70.7 | 333,595 | 453,376 | 87 | 96 | 3,834 | 4,723 |
| Dental Assisting | 13 | 7 | 10 | 53.8 | 76.9 | 49,353 | 178,937 | 20 | 39 | 2,468 | 4,588 |
| Dental Hygiene | 9 | 6 | 9 | 66.7 | 100.0 | 19,373 | 341,579 | 11 | 35 | 1,761 | 9,759 |
| Diesel Tech | 35 | 23 | 23 | 65.7 | 65.7 | 376,806 | 288,851 | 63 | 64 | 5,981 | 4,513 |
| Diesel Technology | 9 | 6 | 5 | 66.7 | 55.6 | 120,117 | 122,826 | 23 | 17 | 5,222 | 7,225 |
| Dietetics & Nutrition | 39 | 27 | 28 | 69.2 | 71.8 | 446,099 | 374,661 | 95 | 87 | 4,696 | 4,306 |
| Drafting Technology | 102 | 69 | 68 | 67.6 | 66.7 | 982,672 | 1,523,996 | 173 | 211 | 5,680 | 7,223 |
| Early Childhood | 97 | 75 | 80 | 77.3 | 82.5 | 958,214 | 1,158,500 | 246 | 248 | 3,895 | 4,671 |
| Early Childhood Development | 62 | 43 | 42 | 69.4 | 67.7 | 492,169 | 581,762 | 143 | 138 | 3,442 | 4,216 |
| Electronics Technology | 125 | 85 | 88 | 68.0 | 70.4 | 1,640,503 | 2,337,382 | 270 | 285 | 6,076 | 8,201 |
| Emergency Med Tech | 168 | 90 | 96 | 53.6 | 57.1 | 1,253,124 | 1,669,802 | 266 | 304 | 4,711 | 5,493 |
| Emergency Medical Services | 164 | 115 | 118 | 70.1 | 72.0 | 1,552,485 | 1,692,064 | 342 | 346 | 4,539 | 4,890 |
| Engineering Design Drafting | 15 | 8 | 9 | 53.3 | 60.0 | 286,137 | 227,270 | 31 | 25 | 9,230 | 9,091 |
| English as a Second Language | 57 | 23 | 21 | 40.4 | 36.8 | 232,615 | 451,416 | 72 | 74 | 3,231 | 6,100 |
| Environmental Technology | 33 | 21 | 23 | 63.6 | 69.7 | 433,668 | 514,959 | 55 | 75 | 7,885 | 6,866 |
| Family and Consumer Sciences | 3 | 2 | 2 | 66.7 | 66.7 | ND | ND | ND | ND | ND | ND |
| Fire Science | 122 | 101 | 97 | 82.8 | 79.5 | 1,689,595 | 1,812,051 | 288 | 293 | 5,867 | 6,184 |
| Fire Service Administration | 41 | 38 | 37 | 92.7 | 90.2 | 662,470 | 972,321 | 112 | 124 | 5,915 | 7,841 |
| Floral Design | 23 | 15 | 14 | 65.2 | 60.9 | 317,005 | 247,757 | 48 | 43 | 6,604 | 5,762 |
| Food Service Tech | 9 | 6 | 7 | 66.7 | 77.8 | 108,995 | 124,494 | 20 | 23 | 5,450 | 5,413 |
| Geographic Information System | 13 | 10 | 10 | 76.9 | 76.9 | 264,617 | 311,360 | 30 | 33 | 8,821 | 9,435 |
| Geomatics | 15 | 11 | 10 | 73.3 | 66.7 | 179,248 | 304,932 | 33 | 39 | 5,432 | 7,819 |
| Guidance | 41 | 27 | 33 | 65.9 | 80.5 | 269,069 | 266,993 | 80 | 90 | 3,363 | 2,967 |
| Health | 209 | 167 | 178 | 79.9 | 85.2 | 1,984,930 | 2,497,864 | 514 | 575 | 3,862 | 4,344 |
| Health Care Assisting | 4 | 2 | 2 | 50.0 | 50.0 | ND | ND | ND | ND | ND | ND |
| Health Information Management | 57 | 39 | 43 | 68.4 | 75.4 | 883,718 | 1,063,465 | 139 | 154 | 6,358 | 6,906 |
| Health Sciences | 101 | 71 | 73 | 70.3 | 72.3 | 1,274,097 | 1,372,696 | 227 | 223 | 5,613 | 6,156 |
| Heavy Equipment Mechanics | 9 | 7 | 8 | 77.8 | 88.9 | 88,368 | 150,587 | 18 | 26 | 4,909 | 5,792 |
| Human Services | 180 | 136 | 138 | 75.6 | 76.7 | 2,151,689 | 2,704,507 | 443 | 472 | 4,857 | 5,730 |
| Human Services Technology | 187 | 149 | 142 | 79.7 | 75.9 | 1,868,192 | 2,384,564 | 449 | 455 | 4,161 | 5,241 |
| Industrial Technology | 21 | 20 | 18 | 95.2 | 85.7 | 555,326 | 548,867 | 58 | 58 | 9,575 | 9,463 |
| Interior Design | 14 | 13 | 9 | 92.9 | 64.3 | 279,908 | 292,586 | 44 | 33 | 6,362 | 8,866 |
| Justice | 76 | 52 | 70 | 68.4 | 92.1 | 1,063,904 | 2,823,919 | 164 | 267 | 6,487 | 10,576 |
| Law Science | 18 | 13 | 14 | 72.2 | 77.8 | 351,621 | 346,489 | 49 | 49 | 7,176 | 7,071 |
| Marine Technology | 88 | 64 | 56 | 72.7 | 63.6 | 1,668,404 | 1,559,098 | 199 | 177 | 8,384 | 8,808 |
| Mechanical Tech | 24 | 11 | 15 | 45.8 | 62.5 | 301,674 | 284,428 | 34 | 42 | 8,873 | 6,772 |
| Medical Assisting | 88 | 53 | 63 | 60.2 | 71.6 | 814,665 | 1,051,264 | 169 | 200 | 4,821 | 5,256 |
| Medical Lab Tech | 15 | 12 | 12 | 80.0 | 80.0 | 79,729 | 163,547 | 32 | 35 | 2,492 | 4,673 |
| No Voc Ed courses | 297 | 225 | 209 | 75.8 | 70.4 | 2,974,971 | 3,719,864 | 690 | 681 | 4,312 | 5,462 |
| Nursing | 53 | 33 | 38 | 62.3 | 71.7 | 335,907 | 702,490 | 103 | 131 | 3,261 | 5,363 |

**University of Alaska Vocational Education Students -FY 1998
Employment and Earnings Before and After Training Program by Subject
Months 1 to 12**

| Subject | Number Exiting | Number Employed | | Percent Employed | | Total Wages | | Total Quarters Worked | | Avg Earnings/Qtr | |
|------------------------------|----------------|-----------------|-------|------------------|-------|-------------|-----------|-----------------------|-------|------------------|--------|
| | | Before | After | Before | After | Before | After | Before | After | Before | After |
| Occupational Certif Training | 26 | 16 | 17 | 61.5 | 65.4 | 78,487 | 176,813 | 44 | 57 | 1,784 | 3,102 |
| Paralegal | 48 | 36 | 36 | 75.0 | 75.0 | 608,399 | 635,680 | 121 | 112 | 5,028 | 5,676 |
| Paralegal Studies | 27 | 20 | 21 | 74.1 | 77.8 | 234,343 | 263,587 | 65 | 63 | 3,605 | 4,184 |
| Paramedical Technology | 21 | 15 | 17 | 71.4 | 81.0 | 259,038 | 498,305 | 49 | 59 | 5,286 | 8,446 |
| Petroleum Technology | 12 | 10 | 9 | 83.3 | 75.0 | 232,419 | 400,250 | 25 | 31 | 9,297 | 12,911 |
| Refrigeration & Heating | 15 | 12 | 14 | 80.0 | 93.3 | 179,306 | 248,000 | 35 | 42 | 5,123 | 5,905 |
| Rural Human Services | 25 | 24 | 25 | 96.0 | 100.0 | 410,466 | 465,018 | 74 | 83 | 5,547 | 5,603 |
| Surveying And Mapping | 3 | 3 | 3 | 100.0 | 100.0 | ND | ND | ND | ND | ND | ND |
| Trade & Technology | 1 | 1 | 1 | 100.0 | 100.0 | ND | ND | ND | ND | ND | ND |
| Trades And Technology | 73 | 55 | 63 | 75.3 | 86.3 | 1,080,309 | 1,417,772 | 169 | 199 | 6,392 | 7,124 |
| Visitor Industry | 10 | 6 | 6 | 60.0 | 60.0 | 134,624 | 126,600 | 16 | 16 | 8,414 | 7,913 |
| Vocational Education | 9 | 7 | 8 | 77.8 | 88.9 | 262,754 | 81,385 | 26 | 22 | 10,106 | 3,699 |
| Vocational Skills | 24 | 15 | 16 | 62.5 | 66.7 | 370,090 | 425,751 | 48 | 54 | 7,710 | 7,884 |
| Wastewater Technology | 4 | 4 | 4 | 100.0 | 100.0 | ND | ND | ND | ND | ND | ND |
| Welding & Materials Tech | 80 | 36 | 39 | 45.0 | 48.8 | 1,016,749 | 1,350,210 | 110 | 133 | 9,243 | 10,152 |
| Welding Tech | 198 | 154 | 149 | 77.8 | 75.3 | 3,639,322 | 4,247,191 | 481 | 486 | 7,566 | 8,739 |
| Wood Technology | 23 | 14 | 15 | 60.9 | 65.2 | 434,687 | 471,434 | 50 | 51 | 8,694 | 9,244 |

ND= Nondisclosable

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Youth Programs

JTPA-Title II-B

The JTPA Title II-B summer youth employment and training program is designed to enhance basic education skills, encourage school completion, provide exposure to work and enhance citizenship skills. The targeted population is economically disadvantaged youth age 14 to 21.

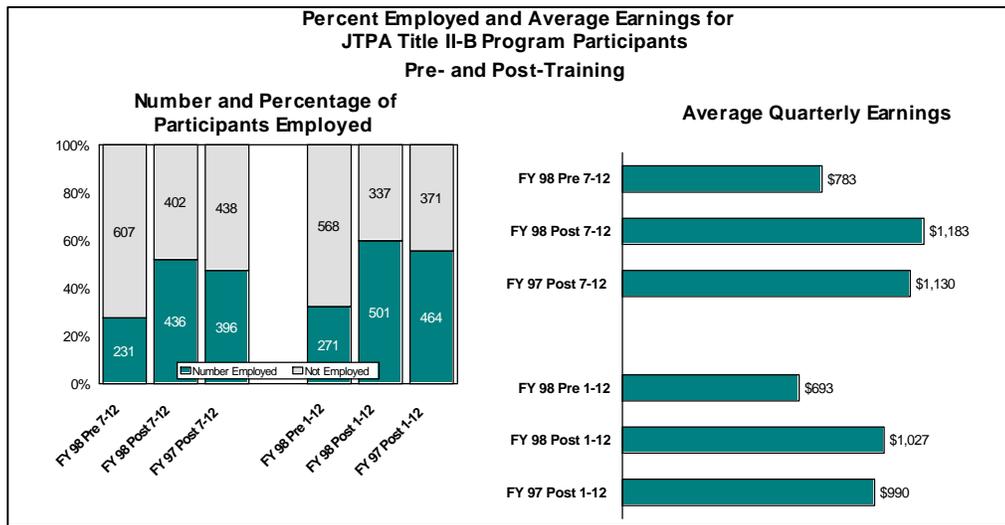
In FY 1998, a total of 838 individuals exited the training program.

Performance and Participant Data

- During the third and/or fourth quarter following their exit from the JTPA Title II-B summer youth employment and training program, 52% of the program participants were reported as working in wage and salary employment¹.
- For those that were employed, the program participants earned an average of \$1,183 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program, 59.8% of the participants worked one or more quarters of the year and earned an average of \$1,027 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were \$1.1 million.
- 75.6% of those employed during the twelve months following training worked in the private sector.
- During the twelve months following training, 36.9% of those working were employed in Anchorage, 10.2% in Fairbanks, 9.6% in Bethel, and 6.8% in Kenai and 5.7% in Yukon-Koyukuk.

| JTPA II-B Participants-FY 1998 | | | | | | | |
|--|----------------|-----------------|------------------|----------------|-----------------------|----------------------|-----------------------|
| Post Training Employment and Earnings | | | | | | | |
| | Number Exiting | Number Employed | Percent Employed | Total Earnings | Total Quarters Worked | Average Earnings/Qtr | Median Total Earnings |
| Months 7 to 12 | | | | | | | |
| Before Training | 838 | 231 | 27.6 | \$245,048 | 313 | \$783 | \$708 |
| After Training | 838 | 436 | 52.0 | 788,064 | 666 | 1,183 | 1,137 |
| Months 1 to 12 | | | | | | | |
| Before Training | 838 | 271 | 32.3 | 364,544 | 526 | 693 | 813 |
| After Training | 838 | 501 | 59.8 | 1,116,583 | 1,087 | 1,027 | 1,178 |

Note: Includes an unduplicated count of those program participants with a valid social security number.
Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.



JTPA-Title II-C

The JTPA Title II-C youth training program is designed to improve long term employability, enhance skills, encourage school completion, and increase employment and earnings. In addition, the program seeks to reduce welfare dependency, assist with making the transition from school to work, military, apprenticeship or postsecondary education and training. The targeted population is economically disadvantaged youth age 16 to 21.

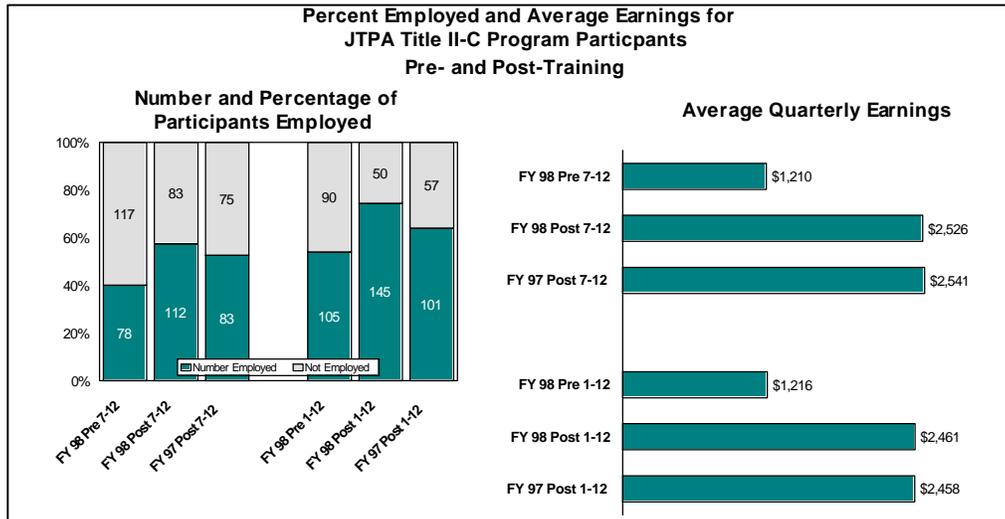
In FY 1998, a total of 195 individuals with social security numbers were identified from JTPA training program records.

Performance and Participant Data

- During the third and/or fourth quarter following their exit from a JTPA II-C training program, 57.4% percent of the program participants were reported as working in wage and salary employment¹.
- For those that were employed, the program participants earned an average of \$2,526 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program, 74.4% of the participants worked one or more quarters of the year and earned an average of \$2,461 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were approximately \$942,642.
- 89.7% of those employed in the twelve months following training worked in the private sector.
- During the twelve months following training, 36.5% of those working were employed in Anchorage, 16.8% in Fairbanks, 12.4% in Juneau, 7.3% in Sitka and 5.8% in the Northwest Arctic Borough.

| JTPA II-C Participants-FY 1998 | | | | | | | |
|--|----------------|-----------------|------------------|----------------|-----------------------|----------------------|-----------------------|
| Post Training Employment and Earnings | | | | | | | |
| | Number Exiting | Number Employed | Percent Employed | Total Earnings | Total Quarters Worked | Average Earnings/Qtr | Median Total Earnings |
| Months 7 to 12 | | | | | | | |
| Before Training | 195 | 78 | 40.0 | \$146,392 | 121 | \$1,210 | \$959 |
| After Training | 195 | 112 | 57.4 | 457,259 | 181 | 2,526 | 3,032 |
| Months 1 to 12 | | | | | | | |
| Before Training | 195 | 105 | 53.8 | 302,907 | 249 | 1,216 | 1,628 |
| After Training | 195 | 145 | 74.4 | 942,642 | 383 | 2,461 | 4,226 |

Note: Includes an unduplicated count of those program participants with a valid social security number.
Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.



Adult Programs

JTPA-Title II-A

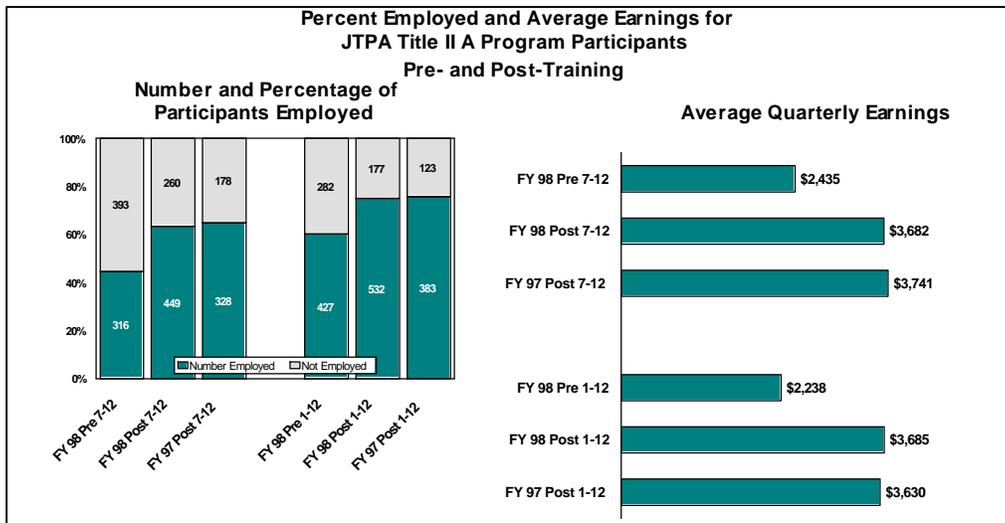
The JTPA Title II-A adult training program prepares adults for participation in the labor force by increasing their occupational and educational skills. Training provided to participants includes remedial education, on-the-job training, job counseling, and assessment of the skill levels and service needs of participants. The targeted population is the economically disadvantaged age 22 or older.

In FY 1998, a total of 709 individuals with social security numbers were identified as exiting from the JTPA Title II-A program.

Performance and Participant Data

- During the third and/or fourth quarter following their exit from the program, 63.3% percent of the program participants were reported as working in wage and salary employment¹. (The national average goal for percent employed thirteen weeks after exit from the program, adjusted for local economic factors, is 60.0%).
- For those that were employed, the program participants earned an average of \$3,682 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from the program, 75% of the participants worked one or more quarters of the year and earned an average of \$3,685 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were approximately \$6.1 million.
- 87.2% of those employed during the twelve months following training were employed in the private sector.
- During the twelve months following training, 35.4% of those working were employed in Anchorage, 5.8% in Mat-Su, 12.5% in Kenai, 10% in Fairbanks, 2.9% in Northwest Arctic Borough, and 7.5% in Juneau.

| JTPA Title II-A Participants-FY 1998 Post Training Employment and Earnings | | | | | | | |
|---|-------------------|--------------------|---------------------|-------------------|--------------------------|-------------------------|--------------------------|
| | Number Exiting | Alaska Employed | Percent Employed | Total Earnings | Total Quarters Worked | Average Earnings/Qtr | Median Total Earnings |
| Months 7 to 12 | | | | | | | |
| Before Training | 709 | 316 | 44.6 | \$1,227,160 | 504 | \$2,435 | \$2,505 |
| After Training | 709 | 449 | 63.3 | 2,875,609 | 781 | 3,682 | 5,086 |
| Months 1 to 12 | | | | | | | |
| Before Training | 709 | 427 | 60.2 | 2,362,933 | 1,056 | 2,238 | 3,314 |
| After Training | 709 | 532 | 75.0 | 6,066,112 | 1,646 | 3,685 | 9,131 |
| Note: Includes an unduplicated count of those program participants with a valid social security number. Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section. | | | | | | | |



JTPA-Title III

Title III Employment and Training Assistance for dislocated workers tailors employment and training services to meet the needs of dislocated workers. The program focuses on early readjustment for workers and firms facing substantial layoffs. Readjustment services include job or career counseling, testing, orientation, and job placement assistance. Retraining services can include classroom, occupational skills, on-the-job training and relocation.

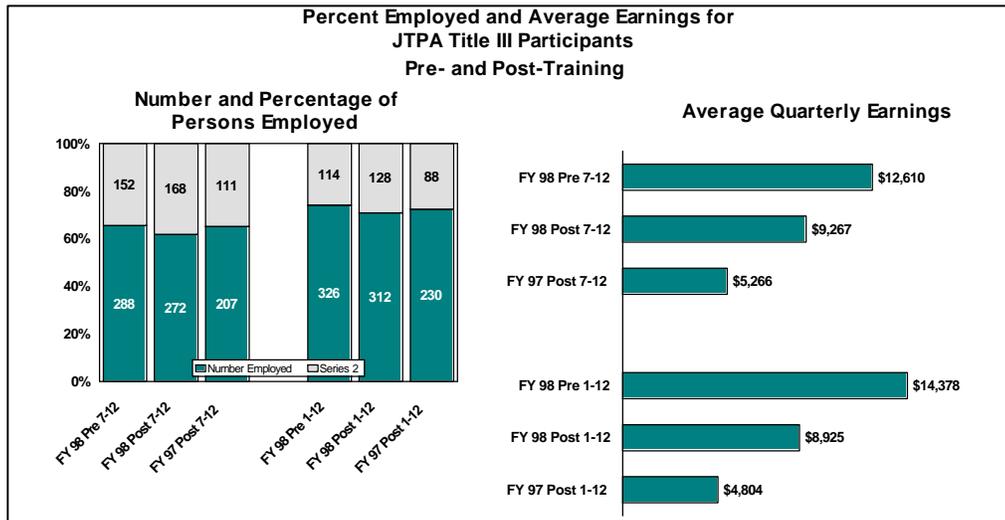
In FY 1998, a total of 440 Title III program participants exited the program.

Performance and Participant Data

- During the third and/or fourth quarter following their exit from the Title III program, 62% of the program participants were reported as working in Alaska wage and salary employment¹. (The national average goal for percent employed immediately upon exit from the program, adjusted for local economic factors, is 73.0%).
- For those that were employed, the program participants earned an average of \$6,048 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program, 71% of the participants worked one or more quarters of the year and earned an average of \$6,087 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were approximately \$6.1 million.
- 81.7% of those employed during the twelve months following training were employed in the private sector.
- During the twelve months following training, 29.6% of those working were employed in Anchorage, 19.5% in Fairbanks, 14.3% in Ketchikan and 5.9% in Kenai.

| JTPA Title III Participants-Participants-FY 1998 Post Training Employment and Earnings | | | | | | | |
|---|-------------------|--------------------|---------------------|-------------------|--------------------------|-------------------------|--------------------------|
| | Number Exiting | Number Employed | Percent Employed | Total Earnings | Total Quarters Worked | Average Earnings/Qtr | Median Total Earnings |
| Months 7 to 12 | | | | | | | |
| Before Training | 440 | 288 | 65.5 | \$3,515,125 | 516 | \$6,812 | \$10,611 |
| After Training | 440 | 272 | 62 | 2,969,463 | 491 | 6,048 | 10,293 |
| Months 1 to 12 | | | | | | | |
| Before Training | 440 | 326 | 74.1 | 6,774,722 | 1,021 | 6,635 | 14,412 |
| After Training | 440 | 312 | 71 | 6,154,406 | 1,011 | 6,087 | 17,760 |

Note: Includes an unduplicated count of those program participants with a valid social security number.
Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.



JTPA II-A-5% Older Individuals Program

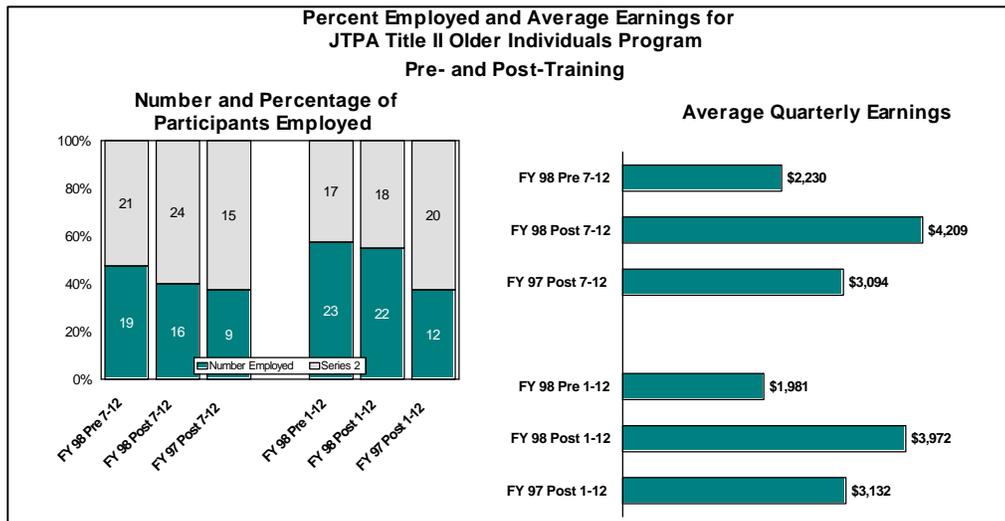
This program provides outreach and recruitment for older workers interested in employment. Senior Employment Counselors recruit eligible clients, provide assessment and counsel them on appropriate employment choices. Participants must be 55 years of age and older and must meet JTPA income guidelines. In FY 1998, a total of 40 individuals were identified as participating in the Older Individuals Program.

Performance and Participant Data

- During the third and/or fourth quarter following their exit from the program, 40% of the program participants were reported as working in wage and salary employment¹.
- For those that were employed, the program participants earned an average of \$4,209 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program, 55.5% of the participants worked one or more quarters of the year and earned an average of \$3,972 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were \$285,205.

| JTPA Older Individual Program-Participants-FY 1998 | | | | | | | |
|---|----------------|-----------------|------------------|----------------|-----------------------|----------------------|-----------------------|
| Post Training Employment and Earnings | | | | | | | |
| | Number Exiting | Number Employed | Percent Employed | Total Earnings | Total Quarters Worked | Average Earnings/Qtr | Median Total Earnings |
| Months 7 to 12 | | | | | | | |
| Before Training | 40 | 19 | 47.5 | \$62,444 | 28 | \$2,230 | \$901 |
| After Training | 40 | 16 | 40.0 | 126,270 | 30 | 4,209 | 8,620 |
| Months 1 to 12 | | | | | | | |
| Before Training | 40 | 23 | 57.5 | 114,893 | 58 | 1,981 | 1,961 |
| After Training | 40 | 22 | 55.0 | 258,205 | 65 | 3,972 | 11,113 |

Note: Includes an unduplicated count of those program participants with a valid social security number.
Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.



JTPA-8% Vocational Education

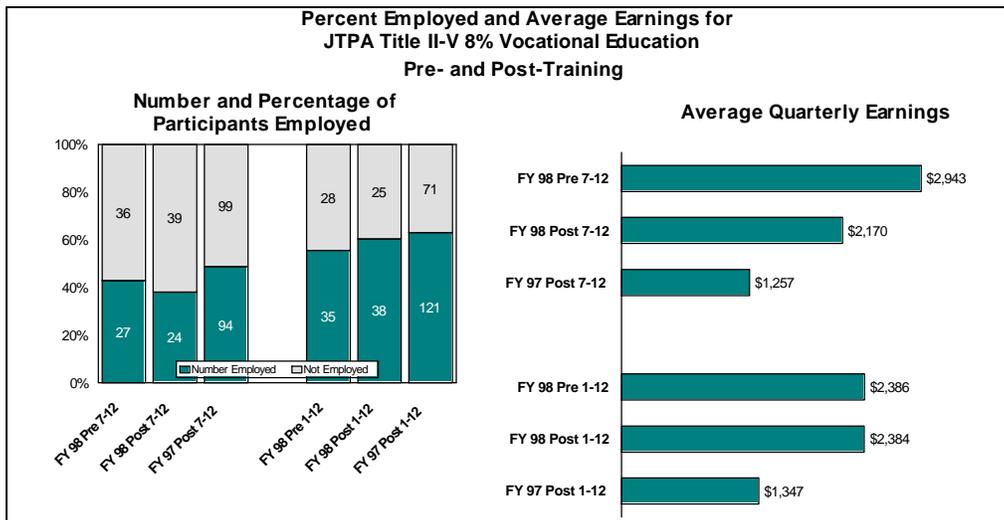
The Vocational Education program supports low-income youth and adults through school-to-work transition services, literacy and lifelong learning opportunities, and funding to train, place, and retain women in nontraditional employment. In FY 1998, a total of 63 individuals with social security numbers were identified as exiting from the JTPA 8% Vocational Education program.

Performance and Participant Data

- During the third and/or fourth quarter following their exit from the JTPA 8% Voc. Ed. training program, 38.1% of the program participants were reported as working in wage and salary employment¹.
- For those that were employed, the program participants earned an average of \$2,170 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program, 60.3% of the participants worked one or more quarters of the year and earned an average of \$2,384 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were approximately \$226,400.
- Approximately 94.7 percent of those employed during twelve months following training were employed in the private sector.
- During the third and fourth quarter following training, 27.0% of those working were employed in Bethel, 21.6% in Anchorage, and 13.5% in Prince of Wales/Outer-Ketchikan, and 10.8% in Yakutat.

| JTPA Voc. Ed Program-Participants-FY 1998 | | | | | | | |
|--|----------------|-----------------|------------------|----------------|-----------------------|----------------------|-----------------------|
| Post Training Employment and Earnings | | | | | | | |
| | Number Exiting | Number Employed | Percent Employed | Total Earnings | Total Quarters Worked | Average Earnings/Qtr | Median Total Earnings |
| Months 7 to 12 | | | | | | | |
| Before Training | 63 | 27 | 42.9 | \$111,829 | 38 | \$2,943 | \$748 |
| After Training | 63 | 24 | 38.1 | 86,781 | 40 | 2,170 | 1,914 |
| Months 1 to 12 | | | | | | | |
| Before Training | 63 | 35 | 55.6 | 190,844 | 80 | 2,386 | 1,899 |
| After Training | 63 | 38 | 60.3 | 226,442 | 95 | 2,384 | 3,964 |

Note: Includes an unduplicated count of those program participants with a valid social security number.
Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.



JTPA-Secretary's National Reserve

This grant provided supplemental funding awarded by the U. S. Department of Labor for services provided directly to individuals terminated by Ketchikan Pulp Company and affected secondary layoffs in southern Southeast Alaska. The funding was applied exclusively in the Ketchikan Career Transition Center. Most individuals were enrolled in the Governor's reserve account and TAA or NAFTA-TAA/TRA. In FY 1998, a total of 79 individuals were identified as participating in the Secretary's National Reserve program.

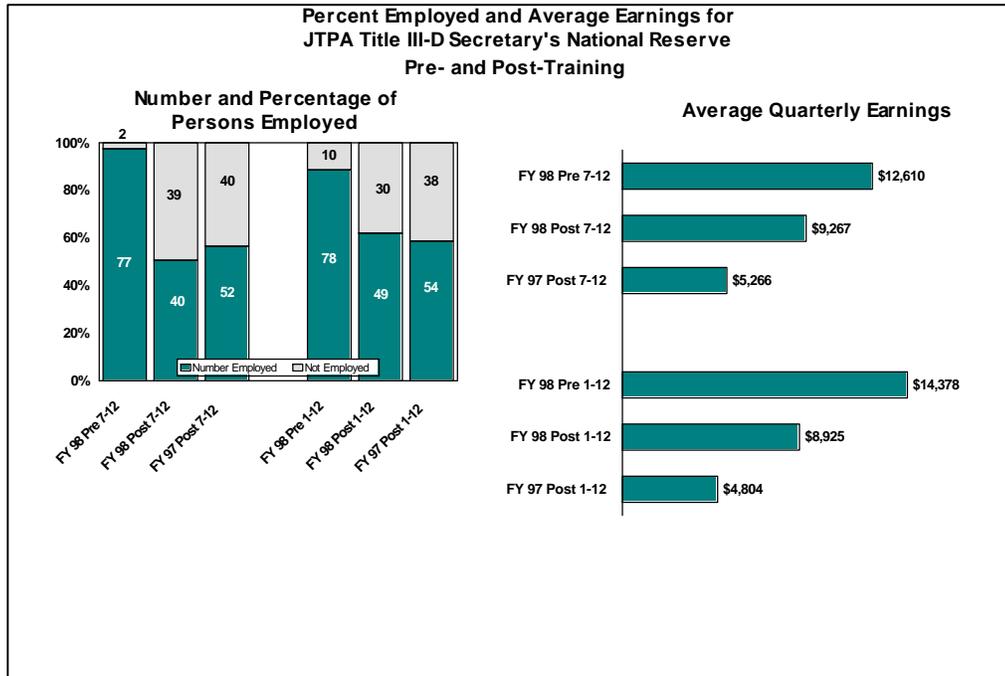
Performance and Participant Data

- During the third and/or fourth quarter following their exit from the training program, 50.6% of the program participants were reported as working in wage and salary employment¹.
- For those that were employed, the program participants earned an average of \$9,267 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program, 62% of the participants worked one or more quarters of the year and earned an average of \$8,925 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were approximately \$1.5 million.
- 87.8% of those employed during the twelve months following training worked in the private sector.
- During the twelve months following training, 68 percent of those working were employed in Ketchikan.

**JTPA Secretary's National Reserve Participants-Participants-FY 1998
Post Training Employment and Earnings**

| | Number Exiting | Number Employed | Percent Employed | Total Earnings | Total Quarters Worked | Average Earnings/Qtr | Median Total Earnings |
|-----------------------|-------------------|--------------------|---------------------|-------------------|--------------------------|-------------------------|--------------------------|
| Months 7 to 12 | | | | | | | |
| Before Training | 79 | 77 | 97.5 | \$1,916,730 | 152 | \$12,610 | \$23,048 |
| After Training | 79 | 40 | 50.6 | 704,314 | 76 | 9,267 | 17,705 |
| Months 1 to 12 | | | | | | | |
| Before Training | 79 | 78 | 98.7 | 4,198,283 | 292 | 14,378 | 51,599 |
| After Training | 79 | 49 | 62.0 | 1,472,660 | 165 | 8,925 | 27,360 |

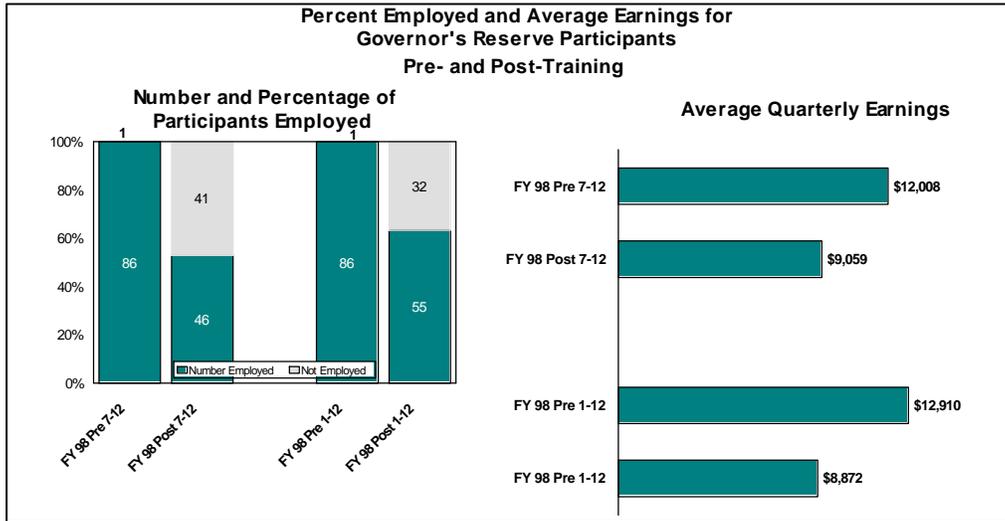
Note: Includes an unduplicated count of those program participants with a valid social security number.
Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.



JTPA-Governor's Reserve

The JTPA Governor's Reserve is a set aside with a variety of purposes. The funding reflected in this report supplemented the Secretary's National Reserve Account and TAA and NAFTA/TAA for former Ketchikan Pulp mill workers. This was necessary given cost limitations on other funding streams. Participants in Governor's Reserve primarily received vocational counseling, assessment, cash management, and peer support services. The Governor's Reserve funds are used for a variety of other activities in which participants are not enrolled.

| Governor's Reserve Participants-FY 1998 Post Training Employment and Earnings | | | | | | | |
|---|-------------------|--------------------|---------------------|-------------------|--------------------------|-------------------------|--------------------------|
| | Number Exiting | Number Employed | Percent Employed | Total Earnings | Total Quarters Worked | Average Earnings/Qtr | Median Total Earnings |
| Months 7 to 12 | | | | | | | |
| Before Training | 87 | 86 | 98.9 | \$2,053,377 | 171 | \$12,008 | \$21,933 |
| After Training | 87 | 46 | 52.9 | 770,055 | 85 | 9,059 | 17,406 |
| Months 1 to 12 | | | | | | | |
| Before Training | 87 | 86 | 98.9 | 4,208,779 | 326 | 12,910 | 47,643 |
| After Training | 87 | 55 | 63.2 | 1,641,317 | 185 | 8,872 | 26,943 |
| Note: Includes an unduplicated count of those program participants with a valid social security number. Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section. | | | | | | | |



Other Programs

State Training and Employment Program (STEP)

The STEP program is funded from the Alaska unemployment insurance trust fund from contributions by employees, is designed to reduce future claims against unemployment insurance trust fund, foster new jobs and increase training opportunities to those workers affected by fluctuations in the state economy or technological changes in the workplace.

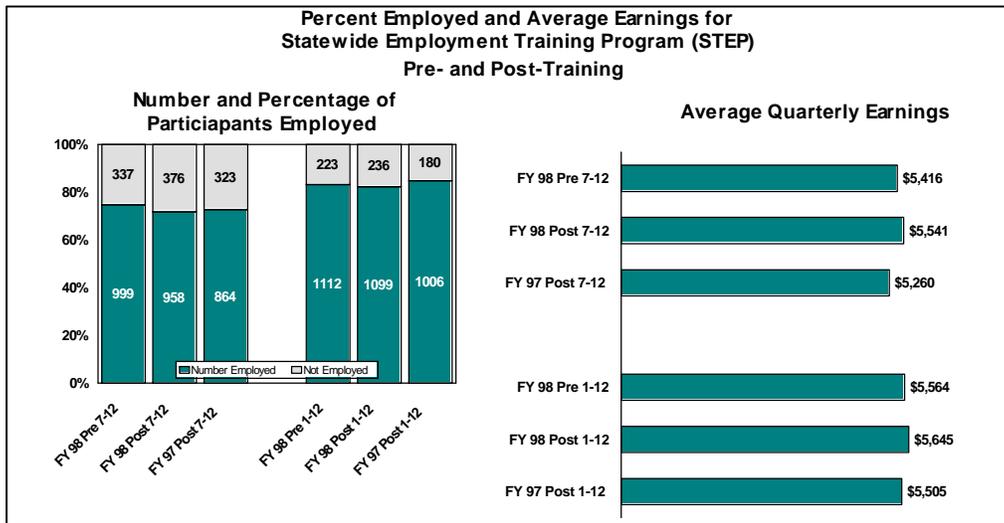
In FY 1998, a total 1,335 individuals with social security numbers were identified as exiting the program. For a comprehensive review of the STEP program see *State Training and Employment Program, Alaska Department of Labor and Workforce Development, Research and Analysis, January, 2000*.

Performance and Participant Data

- During the third and/or fourth quarter following their exit from the STEP program, 71.8 percent of the program participants were reported as working in wage and salary employment¹.
- For those that were employed, the program participants earned an average of \$5,541 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program, 82.3% of the participants worked one or more quarters of the year and earned an average of \$5,645 per quarter worked.
- Total wage and salary earnings for participants in the year following exit from the program were approximately \$20.1 million.
- In FY 98 the STEP program served at least 89 individuals laid off from the Ketchikan Pulp Mill. The former pulp mill workers earned \$2.11 million in the 6 months prior to STEP participation and \$0.75 million in the 6 months after STEP participation and earned \$4.3 million in the 12 months prior to STEP participation and \$1.6 million in the 12 months after STEP participation. If these clients are excluded from the STEP population, 12 month post-training earnings increased by more than 26 percent over the earnings during the 12 months prior to training.
- 86.0% of those employed during the twelve months following training were employed in the private sector.
- During the twelve months following training, 32.5% of those working were employed in Anchorage, 8.1% in the Mat-Su Borough, 8.4% in Fairbanks, 6.7% in Ketchikan and 6.4% in Juneau.

| JTPA STEP Participants-Participants-FY 1998 | | | | | | | |
|--|----------------|-----------------|------------------|----------------|-----------------------|----------------------|-----------------------|
| Post Training Employment and Earnings | | | | | | | |
| | Number Exiting | Number Employed | Percent Employed | Total Earnings | Total Quarters Worked | Average Earnings/Qtr | Median Total Earnings |
| Months 7 to 12 | | | | | | | |
| Before Training | 1,335 | 999 | 74.8 | \$9,244,622 | 1,707 | \$5,416 | \$6,643 |
| After Training | 1,335 | 958 | 71.8 | 9,348,210 | 1,687 | 5,541 | 7,889 |
| Months 1 to 12 | | | | | | | |
| Before Training | 1,335 | 1,112 | 83.3 | 18,923,321 | 3,401 | 5,564 | 11,614 |
| After Training | 1,335 | 1,099 | 82.3 | 20,130,775 | 3,566 | 5,645 | 14,425 |

Note: Includes an unduplicated count of those program participants with a valid social security number.
 In FY 98, the STEP program served at least 89 individuals laid off from the Ketchikan Pulp Mill. The former pulp mill workers earned \$2.11 million in the 6 months prior to STEP participation and \$0.75 million in the 6 months after STEP participation and earned \$4.3 million in the 12 months prior to STEP participation and \$1.6 million in the 12 months after STEP participation.
 Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.



Department of Labor NAFTA/TAA Program

Trade Adjustment Assistance (TAA) is a federal entitlement program which offers help to workers who lose their jobs or whose hours of work and wages are reduced as a result of increased imports from Canada or Mexico. Under the Trade Act of 1974, as amended, workers whose employment is adversely affected by increased imports may apply for TAA, which offers a variety of benefits and reemployment services to help unemployed workers prepare for and obtain suitable jobs. Under the North American Free Trade Agreement Act (NAFTA), signed into law on December 8, 1993, a specialized NAFTA-TAA program was established which took effect on January 1, 1994. NAFTA-TAA is a transitional program that combines the aspects of two programs that have been in effect for many years:

- The Economic Dislocation and Worker Adjustment Assistance Act (EDWAA), under Title III of the Job Training Partnership Act (JTPA) and ;
- The Trade Adjustment Assistance (TAA) program, under the Trade Act of 1974.

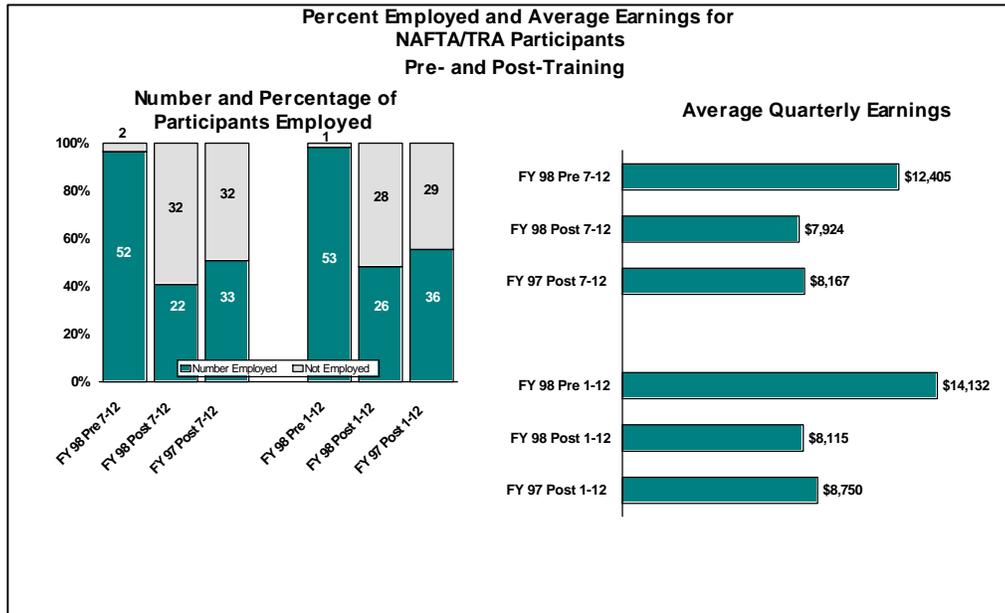
In FY 1998, a total of 54 individuals with social security numbers were identified as exiting from the program. 74.1% of the participants were residents.

Performance and Participant Data

- During the third and/or fourth quarter following their exit from the NAFTA/TRA program, 40.7 percent of the program participants were reported as working in wage and salary employment in Alaska¹.
- For those that were employed, the program participants earned an average of \$7,924 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program, 48.1% of the participants worked one or more quarters of the year and earned an average of \$8,115 per quarter worked.
- Total Alaska wage and salary earnings for participants in the year following exit from the program were approximately \$689,754.
- 92.3% percent of those employed during the twelve months following training were employed in the private sector.
- During the twelve months following training, 85.7% of those working were employed in Ketchikan.

| NAFTA/TRA Participants-FY 1998 Post Training Employment and Earnings | | | | | | | |
|---|-------------------|--------------------|---------------------|-------------------|--------------------------|-------------------------|--------------------------|
| | Number Exiting | Number Employed | Percent Employed | Total Earnings | Total Quarters Worked | Average Earnings/Qtr | Median Total Earnings |
| Months 7 to 12 | | | | | | | |
| Before Training | 54 | 52 | 96.3 | \$1,290,151 | 104 | \$12,405 | \$23,705 |
| After Training | 54 | 22 | 40.7 | 316,971 | 40 | 7,924 | 13,870 |
| Months 1 to 12 | | | | | | | |
| Before Training | 54 | 53 | 98.1 | 2,812,347 | 199 | 14,132 | 50,600 |
| After Training | 54 | 26 | 48.1 | 689,754 | 85 | 8,115 | 23,586 |

Note: Includes an unduplicated count of those program participants with a valid social security number.
Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.



Alaska Work Search

Work Search is a four-week program intended to help Temporary Assistance (ATAP) clients in their efforts to obtain and keep a job. It is the cornerstone of DPA's "work first" approach to welfare reform. Work Search attempts to move clients into the workforce as quickly as possible. All Temporary Assistance clients who are not exempt from participating in work activities are required to attend Work Search. The activities of Work Search are most often conducted in-group settings and model the day-to-day requirements of a job. Clients are required to attend for four weeks, five days a week, up to eight hours per day, unless a client finds a job before that time. Penalties are assessed by DPA for clients who fail to attend without good cause.

Work Search services include: a) an assessment of a client's skills, interests, aptitudes and employment barriers; b) workshops, lectures and other training modules to prepare clients to successfully find and keep employment; c) assisting clients to communicate with and support each other in their job seeking; d) actual job search by clients that is monitored by the Work Search provider; and e) the coaching, matching and placement of clients into employment.

Since Work Search is designed to deliver services to clients in a group setting, Work Search as a stand alone activity is only available in communities with high concentrations of Temporary Assistance (ATAP) clients. In other areas of the state, Work Search activities are provided by Comprehensive Case Management contractors or grantees.

In FY 1998, a total of 1,166 individuals with social security numbers were identified as exiting from the Work Search Program.

Performance and Participant Data

- During the third and/or fourth quarter following their exit from the Work Search program, nearly 60 percent of the program participants were reported as working in wage and salary employment in Alaska¹.
- For those that were employed, the program participants earned an average of \$2,891 per quarter during the third and fourth quarter following training.
- During the twelve months following exit from a training program, 76.7% of the participants worked one or more quarters of the year and earned an average of \$2,815 per quarter worked.
- Total Alaska wage and salary earnings for participants in the year following exit from the program were approximately \$6.9 million.
- 95.5% of those employed during the twelve quarters following training were employed in the private sector.
- During the twelve months following training, 63% of those working were employed in Anchorage, 14.1% in Fairbanks, 10.4% in Mat-Su and 4.1% in Juneau.

| Work Search Participants-FY 1998 | | | | | | | |
|--|----------------|-----------------|------------------|----------------|-----------------------|----------------------|-----------------------|
| Post Training Employment and Earnings | | | | | | | |
| | Number Exiting | Number Employed | Percent Employed | Total Earnings | Total Quarters Worked | Average Earnings/Qtr | Median Total Earnings |
| Months 7 to 12 | | | | | | | |
| Before Training | 1,166 | 341 | 29.2 | \$980,843 | 511 | \$1,919 | \$1,524 |
| After Training | 1,166 | 698 | 59.9 | 3,410,908 | 1,180 | 2,891 | 3,774 |
| Months 1 to 12 | | | | | | | |
| Before Training | 1,166 | 491 | 42.1 | 2,100,789 | 1,099 | 1,912 | 2,331 |
| After Training | 1,166 | 894 | 76.7 | 6,983,902 | 2,481 | 2,815 | 5,272 |

Note: Includes an unduplicated count of those program participants with a valid social security number.
Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section.

